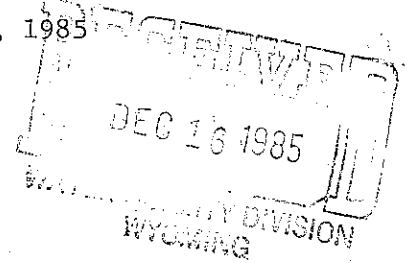




KENNEDY ENGINEERING

P. O. Box 1089
Wheatland, Wyo. 82201
Phone (307) 322-9789

December 12, 1985



Mr. William L. Garland
Water Quality Division
Dept. of Environmental Quality
Herschler Building
Cheyenne, WY 82002

RE: DEQ/WQD Ref. No. 79-551, Y-O Ranch Estates, 2nd Filing.

Dear Mr. Garland:

With regards to the above referenced application, the following are my comments and what knowledge I have concerning the application:

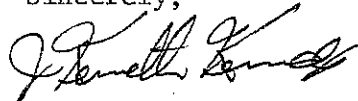
- 1) We do have an original map in our files depicted as "Water System Plan for Y-O Ranch Estates, 2nd Filing".
- 2) For some reason, we do not seem to have any other material relating to this application.
 - a) No correspondence from your Department.
 - b) No correspondence from the Developer.
 - c) No correspondence period, except your recent letter.
- 3) Since approximately the time the application must have been made we have not done much work for the developer and I wonder if he received your correspondence, but did not relay it to us.
- 4) The 4" cast iron water line, as shown on the above mentioned map, along the county road west of Y-O Ranch, 2nd filing, was constructed several years before any development was started. It was constructed at the same time as the 4" cast iron line along main drive to the storage reservoir, which was approved by D.E.Q. with their 1st filing. It was used as water supply from the Town of Wheatland for a sheep raising venture that never panned out.
- 5) This 4" line was disconnected when the original development first started so that Town water and development water are not intermingled. I am not sure where it is disconnected, but it is somewhere north of this Y-O Ranch, 2nd filing.

December 12, 1985

- 6) I am at a loss to know why we do not have any form of communication from you regarding the status or your questions or corrections that might have been requested from us. I am quite sure we would not have lost or destroyed anything because our files are well filled with other correspondence concerning the rest of the development.

Even though we have not been involved with anything in the Y-O Ranch Estates for a number of years, we will be happy to try to answer any questions and to be of help to you to resolve problems concerning it.

Sincerely,

A handwritten signature in dark ink, appearing to read "J. Kenneth Kennedy", with a stylized flourish at the end.

J. Kenneth Kennedy

JKK:mlj



Department of Environmental Quality
Water Quality Division

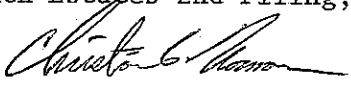
HERSCHLER BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

MEMORANDUM

TO: File: YO Ranch Estates 2nd Filing, DEQ/WQD Ref. No. 79-551

FROM: Chris Norman 

DATE: December 18, 1985

On November 13, 1985, a letter was sent to K & H Engineering in regards to WQD Ref. No. 79-551. The letter stated that the application was considered inactive and it was assumed that the applicant did not wish to proceed with the project.

On December 12, 1985, a response was received from Ken Kennedy, Kennedy Engineering (formally K & H Engineering). In the response it was stated that the project had been constructed then subsequently disconnected and taken out of service. For this reason this file should be considered closed and inactive.

CGN/nc

cc: LeRoy Feusner
Platte County General File

11-15



ED HERSCHLER
GOVERNOR

Department of Environmental Quality
Water Quality Division

HERSCHLER BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

November 13, 1985

K & H Engineering
P.O. Box 1089
Wheatland, WY 82201

RE: DEQ/WQD Ref. No. 79-551, Y-O Ranch Estates, 2nd Filing

Gentlemen:

Your application is considered inactive and this file is being closed under the assumption that the applicant does not wish to proceed with the permit to construct process.

This project has not been permitted. Construction of this facility without a permit is a violation of the Environmental Quality Act and punishable with fines not to exceed \$10,000 per day of violation. If this project has already been constructed, it is your responsibility to immediately contact this office for further instruction. If you wish to reconsider construction of this facility, then application procedures pursuant to Chapter III, Water Quality Rules & Regulations, must be followed.

Sincerely,

A handwritten signature in cursive script, reading "William L. Garland".

William L. Garland
Administrator

WLG/CGN/nc

THE STATE



OF WYOMING

ED HERSCHLER
GOVERNOR

Department of Environmental Quality

Water Quality Division

1111 EAST LINCOLNWAY

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

March 13, 1984

Y-O Ranch Estates
c/o K & H Engineering
P.O. Box 1089
Wheatland, WY 82201

Dear Sir:

Our records indicate your application for a permit to construct has not been resubmitted to this office for review and authorization. The specific information for your proposed project are:

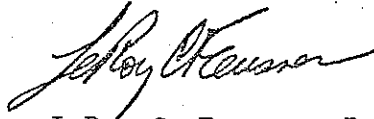
Facility name:	Y-O Ranch Estates, 2nd Filing, Water Line
DEQ/WQD Reference Number:	79-551
Engineering Consultant:	J. Kenneth Kennedy
DEQ/WQD Reviewing Engineer:	Frank Harmon
Date of DEQ/WQD Review:	October 9, 1979

Please indicate below the status of your application and return this form to our office:

- ☐ The application will not be resubmitted as the proposed project has been cancelled.
- ☐ The application will be resubmitted within 30 days.
- ☐ The facility has been constructed, or is under construction. As built construction plans and specifications will be submitted within 30 days.
- ☐ Other remarks _____

You are reminded that the construction, installation, or modification of any sewerage system, treatment works, disposal system, or other facility capable of causing or contributing to pollution, or public water supply system without a Permit to Construct is a violation of Wyoming State Statutes. Unless the Water Quality Division reviewing engineer receives this information within 15 days of the receipt of this letter, follow-up action will be taken.

Sincerely,

A handwritten signature in cursive script, appearing to read "LeRoy C. Feusner".

LeRoy C. Feusner, P.E.
Southeast District Supervisor
Water Quality Division

12-06-77

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION

XXXXXXXXXXXXXXXXXXXXX State Office Building Hathaway Bldg.

Cheyenne, Wyoming 82002

PROJECT: Y-0 Ranch Estates, 2nd Filing, Water Line, Platte Co.

ARCHITECT OR ENGINEER: J. Kenneth Kennedy, P.O. Box 1089, Wheatland, WY 82201

WATER QUALITY DIVISION REFERENCE NUMBER: 79-551

REVIEWING ENGINEER: Frank R. Harman, M.S., P.E. *Frank R Harman*

DATE OF REVIEW: October 9, 1979

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. Since private sewage disposal systems are proposed, it shall be laid down by covenant that no septic tank shall be located closer than 25 feet from any water line.
2. Provide a detailed drawing of the blow-off valve.
3. What is the minimum pressure under all conditions of flow to be provided at the end of the line? Furnish static pressure provided to the system.
4. Provide specifications covering the disinfection procedure to be applied to the line prior to use.
5. Indicate what the design criteria and capacity that the existing 1st Filing were designed for to assure that adequate water capacity is available for 2nd Filing.

THE STATE OF WYOMING



NORMA

ED HERSCHLER
GOVERNOR

Department of Environmental Quality
Water Quality Division

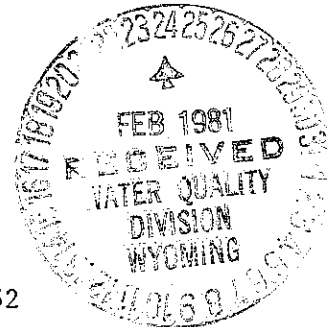
30 EAST GRINNELL
2161 Coffeen Ave., Suite 301

SHERIDAN, WYOMING 82801

TELEPHONE 307-672-6488
672-6457

February 23, 1981

Mr. W. J. Shelley, Vice-President
Nuclear Licensing & Regulation
Kerr-McGee Corporation
P.O. Box 25861
Oklahoma City, Oklahoma 73125



RE: IX Solar Evaporation Pond, WQD Ref. No. 79-552

Dear Mr. Shelley:

We have received your notification that you wish to withdraw the subject application. Therefore, we are returning the enclosed application and plans which you submitted to our office for this project.

Sincerely,

Lea Stoneburner

Lea Stoneburner
Administrative Assistant

1s

Encl.

NORMA

THE STATE OF WYOMING



ED HERSCHLER
GOVERNOR

Department of Environmental Quality
Water Quality Division

30 EAST GRINNELL

SHERIDAN, WYOMING 82801

TELEPHONE 307-672-6488

February 4, 1981



Mr. John M. Carver
Kerr-McGee Nuclear Corporation
P.O. Box 25861
Oklahoma City, Oklahoma 73125

RE: Kerr-McGee IX Solar Evaporation Pond, Reference No. 79-552

Dear Mr. Carver:

Our records indicate your application for a permit to construct for the above referenced facility has not been resubmitted to this office. Please indicate below the status of your application.

_____ The application will not be resubmitted. The application is to be removed from DEQ files.

_____ The application will be resubmitted within 30 days.

_____ The facility has been constructed, or is under construction.

_____ Other remarks _____

If this letter is not returned within 30 days, your application will be removed from our files.

Sincerely,

Lea Stoneburner

Lea Stoneburner
Administrative Assistant

ls

Attachment: Review of Plans & Specifications
dated October 23, 1979

Certified Mail - Return Receipt

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
30 East Grinnell
Sheridan, Wyoming 82801

PROJECT: Kerr-McGee IX Solar Evaporation Pond

ARCHITECT OR ENGINEER: Attention: John M. Carver
Kerr-McGee Nuclear Corporation
P.O. Box 25861
Oklahoma City, Oklahoma 73125

WATER QUALITY DIVISION REFERENCE NUMBER: 79-552

REVIEWING ENGINEER: Tom Mueller *TJ M*

DATE OF REVIEW: October 23, 1979

ACTION: Not Authorized for Construction

COMMENTS:

1. The application is deficient in the following areas:
 - a. Complete specifications for the pond and liner construction are required;
 - b. Anticipated volumes of wastewater, evaporation rates, and an overall mass balance for the pond should be shown;
 - c. Radioactive constituents of the wastewater should be identified, and quantified insofar as possible;
 - d. Specifications for the pipeline material, installation procedures and interface with the pond should be provided.
2. A leak detection system, composed of a network of perforated piping buried below the pond liner, is ordinarily required for installations of this type. If such a system is not to be provided in this case, considerable justification will be necessary.
3. This review cannot be considered final due to the number of items unaddressed by the application.

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
30 East Grinnell
Sheridan, Wyoming 82801

PROJECT: Kerr-McGee IX Solar Evaporation Pond

ARCHITECT OR ENGINEER: Attention: John M. Carver
Kerr-McGee Nuclear Corporation
P.O. Box 25861
Oklahoma City, Oklahoma 73125

WATER QUALITY DIVISION REFERENCE NUMBER: 79-552

REVIEWING ENGINEER: Tom Mueller *TJ M*

DATE OF REVIEW: October 23, 1979

ACTION: Not Authorized for Construction

COMMENTS:

1. The application is deficient in the following areas:
 - a. Complete specifications for the pond and liner construction are required;
 - b. Anticipated volumes of wastewater, evaporation rates, and an overall mass balance for the pond should be shown;
 - c. Radioactive constituents of the wastewater should be identified, and quantified insofar as possible;
 - d. Specifications for the pipeline material, installation procedures and interface with the pond should be provided.
2. A leak detection system, composed of a network of perforated piping buried below the pond liner, is ordinarily required for installations of this type. If such a system is not to be provided in this case, considerable justification will be necessary.
3. This review cannot be considered final due to the number of items unaddressed by the application.



PERMIT TO CONSTRUCT

M to S
11-1-79

☒ New
☐ Renewal
☐ Modified

Permit No. 79-553R

Lakeview Subdivision Water System
(Name of Facility)

This permit hereby authorizes the applicant:

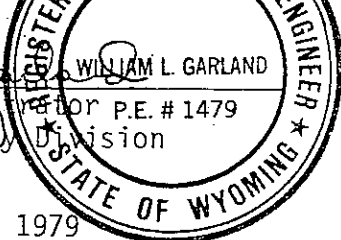
Boe, Dale
(Last) (First) (Middle)
c/o Brady Consultants, Inc.
P.O. Box A
(Street or P.O. Box)
Spearfish, Crook, Wyoming 57783
(City) (County) (State)

to construct, install, or modify a public water supply distribution system
facility located in Section 6, T.50N., R.66W.
(Legal Description)

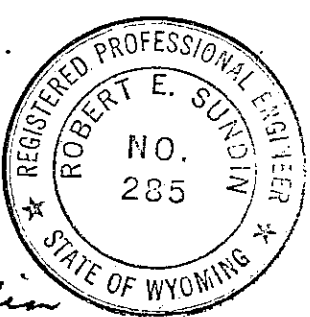
in the County of Crook, in the State of
Wyoming. This permit shall be effective for a period of 2 years
from the date of issuance of this permit not to exceed five (5) years.

Note: See Condition attached to this permit.

AUTHORIZED BY:

William L. Garland
ADMINISTRATOR P.E. #1479
Water Quality Division


October 29, 1979
Date of Issuance

Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality


"The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements."

Condition
Attached to Permit to Construct
79-553R, for Lakeview Subdivision, Crook County, Wyoming

No more than three (3) individual service taps are to be connected to the water main authorized by this Permit, until such time as the public water supply serving the Lakeview Subdivision is connected to the Pine Haven Improvement and Service District water reservoir by a water main of at least six (6) inches nominal diameter.

cc: Johnson - Fermelia & Crank, Inc.
P.O. Box 1633
Rock Springs, WY 82901
ATTN: Harry L. Moore, P.E.

PERMIT TO CONSTRUCT

M to J
10-2-77

☒ New
☐ Renewal
☐ Modified

Permit No. 79-554

Smith Energy No. 2
(Name of Facility)

This permit hereby authorizes the applicant:

Craftsmen Construction Co., Inc.
(Last) (First) (Middle)

5660 S. Syracuse Circle - Lower Level
(Street or P.O. Box)

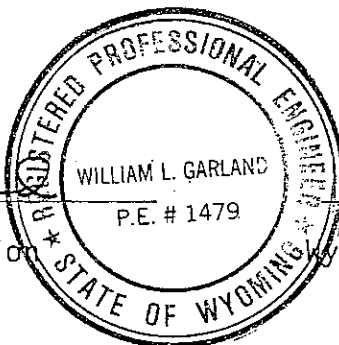
Englewood, Colorado 80111
(City) (County) (State)

to construct, install, or modify a septic tank - leach field
facility located in Sec. 4, T. 18 N., R. 105 W.
(Legal Description)

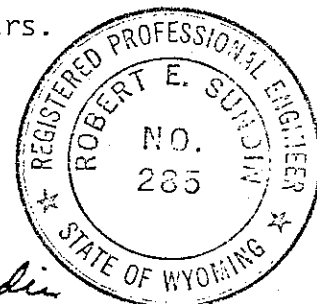
in the County of Sweetwater, in the State of
Wyoming. This permit shall be effective for a period of two years
from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division



Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality



September 25, 1979
Date of Issuance

"The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements."

PERMIT TO CONSTRUCT

Met
10-10-79

☒ New
☐ Renewal
☐ Modified

Permit No. 79-555

Smith Energy No. 3

(Name of Facility)

This permit hereby authorizes the applicant:

Craftsmen Construction Co., Inc.

(Last)

(First)

(Middle)

5660 South Syracuse Circle - Lower Level

(Street or P.O. Box)

Englewood,
(City)

Colorado

(County)

80111

(State)

to construct, install, or modify a truck wash disposal pond

facility located in Sec. 4, T. 18 N., R. 105 W.

(Legal Description)

in the County of Sweetwater

, in the State of

Wyoming. This permit shall be effective for a period of two years

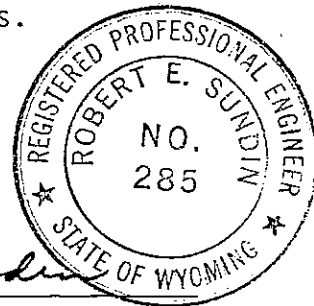
from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division



Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality



October 1, 1979

Date of Issuance

"The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements."



Department of Environmental Quality
Water Quality Division

1111 EAST LINCOLNWAY

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

March 13, 1984

Prairie Knolls Development Company
Casper Professional Center, Suite 205
350 West A Street
Casper, WY 82601

Gentlemen:

Our records indicate your application for a permit to construct has not been resubmitted to this office for review and authorization. The specific information for your proposed project are:

Facility name:	Prairie Knolls Estates
DEQ/WQD Reference Number:	79-556
Engineering Consultant:	Tom McDill, The Engineers
DEQ/WQD Reviewing Engineer:	LeRoy C. Feusner
Date of DEQ/WQD Review:	September 28, 1979

Please indicate below the status of your application and return this form to our office:

- ☐ The application will not be resubmitted as the proposed project has been cancelled.
- ☐ The application will be resubmitted within 30 days.
- ☐ The facility has been constructed, or is under construction. As built construction plans and specifications will be submitted within 30 days.
- ☐ Other remarks _____

Called Natrona County Planning Office on 10 Apr 84. Project was originally submitted by RADIX Corporation, and was never constructed. RADIX is out of business. The engineering firm, The Engineers, is also out of business. Per Bill Garland/John Stedman, plans have been discarded at our office. No further actions are planned.

LeRoy C. Feusner

You are reminded that the construction, installation, or modification of any sewerage system, treatment works, disposal system, or other facility capable of causing or contributing to pollution, or public water supply system without a Permit to Construct is a violation of Wyoming State Statutes. Unless the Water Quality Division reviewing engineer receives this information within 15 days of the receipt of this letter, follow-up action will be taken.

Sincerely,

A handwritten signature in cursive script, appearing to read "LeRoy C. Feusner".

LeRoy C. Feusner, P.E.
Southeast District Supervisor
Water Quality Division

cc: Tom McDill
The Engineers
6405 Indian Scout Drive
Casper, WY 82601



Department of Environmental Quality

Water Quality Division

1111 EAST LINCOLNWAY

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

March 13, 1984

Prairie Knolls Development Company
Casper Professional Center, Suite 205
350 West A Street
Casper, WY 82601

Gentlemen:

Our records indicate your application for a permit to construct has not been resubmitted to this office for review and authorization. The specific information for your proposed project are:

Facility name:	Prairie Knolls Estates
DEQ/WQD Reference Number:	79-556
Engineering Consultant:	Tom McDill, The Engineers
DEQ/WQD Reviewing Engineer:	LeRoy C. Feusner
Date of DEQ/WQD Review:	September 28, 1979

Please indicate below the status of your application and return this form to our office:

- ☐ The application will not be resubmitted as the proposed project has been cancelled.
- ☐ The application will be resubmitted within 30 days.
- ☐ The facility has been constructed, or is under construction. As built construction plans and specifications will be submitted within 30 days.
- ☐ Other remarks _____

You are reminded that the construction, installation, or modification of any sewerage system, treatment works, disposal system, or other facility capable of causing or contributing to pollution, or public water supply system without a Permit to Construct is a violation of Wyoming State Statutes. Unless the Water Quality Division reviewing engineer receives this information within 15 days of the receipt of this letter, follow-up action will be taken.

Sincerely,

A handwritten signature in cursive script, appearing to read "LeRoy C. Feusner".

LeRoy C. Feusner, P.E.
Southeast District Supervisor
Water Quality Division

cc: Tom McDill
The Engineers
6405 Indian Scout Drive
Casper, WY 82601

3

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION

~~XXXXXXXXXXXXXXXXXXXX~~ Hathaway Bldg.
Cheyenne, Wyoming 82002

PROJECT: Prairie Knolls Estates, Natrona Co.

ARCHITECT OR ENGINEER: Tom McDill, The Engineers, 6405 Indian Scout,
Casper, WY 82601

WATER QUALITY DIVISION REFERENCE NUMBER: 79-556

REVIEWING ENGINEER: LeRoy C. Feusner, P.E. *LF*

DATE OF REVIEW: September 28, 1979

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

Well

1. Complete chemical (including heavy metals), bacteriological and radiological analyses must be completed for the water supply and forwarded to this Division prior to issuance of a permit to construct.
2. What is the material specification and thickness of well casing?
3. Provide yield and drawdown tests per Ten State Standards.
4. Permanent casing for all groundwater sources must project at least 12 inches above the pumphouse floor or concrete apron surface and at least 18 inches above final ground surface.
5. How will the wells be capped?
6. What is the actual well construction and pump installation? Is it a pitless adapter? Show detail.
7. A minimum of two sources (wells) of groundwater shall be provided. This Division requires two wells for a housing subdivision exceeding 50 units.

Pumping Station

Furnish the design on the system. How are the pumps supposed to operate?

Storage Tank

1. Furnish all material specifications and details on storage tank.
2. What type freeze protection will be provided?

Prairie Knolls Estates
DEQ/WQD Ref. No. 79-556
September 28, 1979
Page two

3. Provide details on access, overflow and vents.

Water Distribution System

High points in water mains where air can accumulate must be made to remove the air by means of hydrants or air relief valves. I assume that inked in circular dots on profile drawings are hydrants. Please verify or provide air relief valves and detail drawing.

cc: Gray C. Wangelin
5024 Alcova Rt., Box 14
Casper, WY 82601

Book
10-2209

PERMIT TO CONSTRUCT

☒ New
☐ Renewal
☐ Modified

Permit No. 79-557R

Hydril Company
(Name of Facility)

This permit hereby authorizes the applicant:

Hydril Company

(Last) (First) (Middle)
ATTN: Mr. Butch Altman
P.O. Box 124

(Street or P.O. Box)

Casper, WY 82602
(City) (County) (State)

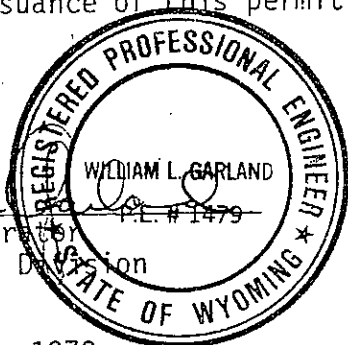
to construct, install, or modify a commercial subsurface disposal

facility located in Sec. 34, T34N, R80W
(Legal Description)

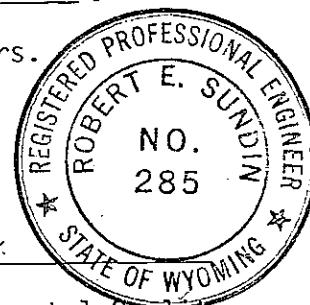
in the County of Natrona, in the State of
Wyoming. This permit shall be effective for a period of two (2) years
from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division



Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality



October 16, 1979

Date of Issuance

"The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements."

This permit does not supercede the requirements for obtaining a Septic Tank Permit from Natrona County Health Department.

8-27-79
20-7-79

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION

~~XXXXXXXXXXXXXXXXXXXXXXXXXXXX~~ Hathaway Bldg.
Cheyenne, Wyoming 82002

PROJECT: Hydril Company, Natrona Co.

ARCHITECT OR ENGINEER: Gray Wangelin, 5024 Alcova Route, Box 14, Casper, WY 82601

WATER QUALITY DIVISION REFERENCE NUMBER: 79-557

REVIEWING ENGINEER: LeRoy C. Feusner, P.E. *LF*

DATE OF REVIEW: October 2, 1979

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. Indicate location of drinking water well and distribution lines for building.
2. What is the chemical composition of the cleaning solvent and degreaser materials? Composition may not be compatible with proposed disposal system and nearby water wells.
3. What is the depth of bury for sewer pipe? What is depth of cover material over leach field pipe?
4. Leach field for shop wastes is too close to septic tank. Minimum distance from septic tank to leach field is 10 feet.
5. Size of shop area septic tank is too small. For estimated wastewater flow rates of 500-1500 gpd, size of septic tank should be 1½ times daily flow rate.
6. Recommend installation of a mud trap in the vehicle washing area to capture heavy solid material prior to allowing it to enter septic tank.

cc: Wayne Haug
Scott Engineering
P.O. Box 2097
Gillette, WY 82716

M405
10-30-79

PERMIT TO CONSTRUCT

☒ New

Permit No. 79-558

☐ Renewal

☐ Modified

NEWTON INDUSTRIAL PARK, CHRYSLER BUILDING

(Name of Facility)

This permit hereby authorizes the applicant:

Butler

(Last)

Dean

(First)

(Middle)

892 North Desmet Avenue

(Street or P.O. Box)

Buffalo, Wyoming 82834

(City)

-- (County)

(State)

to construct, install, or modify a sewage disposal system

facility located in Section 28, T.50N., R.72W.

(Legal Description)

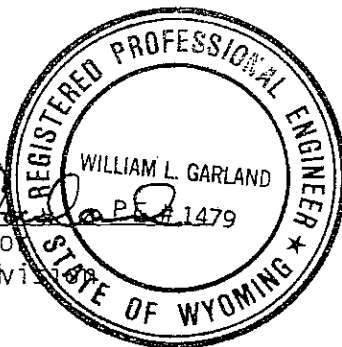
in the County of Campbell, in the State of

Wyoming. This permit shall be effective for a period of two (2) years

from the date of issuance of this permit not to exceed five (5) years.

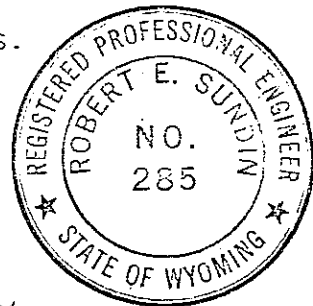
AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division



Robert E. Sundin
Director

Wyoming Dept. of Environmental Quality



October 23, 1979

Date of Issuance

"The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements."

PERMIT TO CONSTRUCT

M to S
10-30-79

☒ New

Permit No. 79-559

☐ Renewal

☐ Modified

MOOSE LODGE, CHAMPION VENTURES SUBDIVISION
(Name of Facility)

This permit hereby authorizes the applicant:

Moose Lodge

(Last)

(First)

(Middle)

Box 1977

(Street or P.O. Box)

Gillette

(City)

Campbell

(County)

Wyoming 82716

(State)

to construct, install, or modify a septic wastewater

facility located in Section 9, T.50N., R.72W.

(Legal Description)

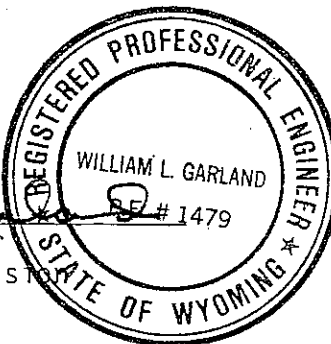
in the County of Campbell, in the State of

Wyoming. This permit shall be effective for a period of two (2) years

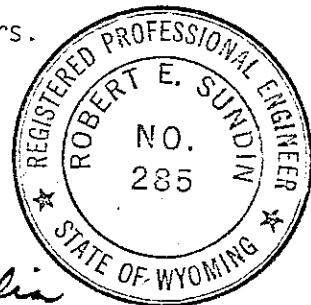
from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division



Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality



October 24, 1979

Date of Issuance

"The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements."

cc: Gray C. Wangelin
5024 Alcova Rt., Box 14
Casper, WY 82601

Book
M-10-2-79

PERMIT TO CONSTRUCT

☐ New
☐ Renewal
☒ Modified

Permit No. 79-560

Rimrock Bar

(Name of Facility)

This permit hereby authorizes the applicant:

Mert Brophy

(Last)

(First)

(Middle)

Box 144

(Street or P.O. Box)

Midwest,

WY 82643

(City)

(County)

(State)

to construct, install, or modify a commercial subsurface disposal

facility located in Sec. 6, T39N, R78W

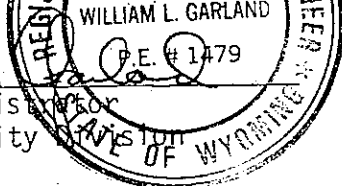
(Legal Description)

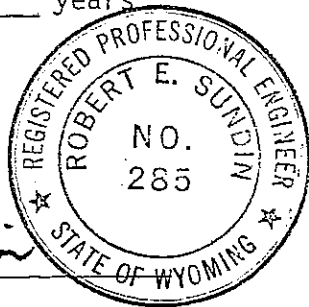
in the County of Natrona, in the State of

Wyoming. This permit shall be effective for a period of two (2) years

from the date of issuance. This permit not to exceed five (5) years.

AUTHORIZED BY:

William L. Garland
Adminis. Director
Water Quality Division


Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality


September 26, 1979

Date of Issuance

"The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements."

This permit does not supercede the requirements for obtaining a Septic Tank Permit from Natrona County Health Department.

79-561

THE STATE



OF WYOMING

ED HERSCHLER
GOVERNOR

Department of Environmental Quality
Water Quality Division

HATHAWAY BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

October 23, 1979

James Major
157 Columbine, Apt. #3
Casper, WY 82601

Dear Mr. Major:

Please find enclosed an amended permit for your septic system located on Lot 48 of Indian Springs Subdivision, Water Quality Division Permit No. 79-561. This permit has been amended as this Department cannot issue permits for private cisterns. Please destroy the other permit that you have for this facility.

Sincerely,

A handwritten signature in cursive script, reading "William L. Garland".

William L. Garland
Administrator
Water Quality Division

WLG/nc

Enclosure

cc: Ed S. Rate, Jr.
P.O. Box 930
Casper, WY 82602

cc: Ed S. Rate, Jr.
P.O. Box 930
Casper, WY 82601

PERMIT TO CONSTRUCT

☒ New
☐ Renewal
☐ Modified

Permit No. 79-561

Jim Major
(Name of Facility)

This permit hereby authorizes the applicant:

Major, Jim
(Last) (First) (Middle)

Lot 48, Indian Springs Subdivision
(Street or P.O. Box)

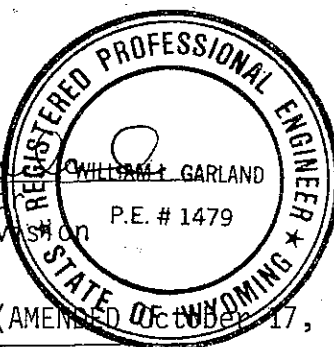
Casper, Natrona, WY 82601
(City) (County) (State)

to construct, install, or modify a small subsurface disposal (E.O.)
facility located in Sec. 33, T33N, R80W, Lot 48, Indian Springs Subdivision
(Legal Description)

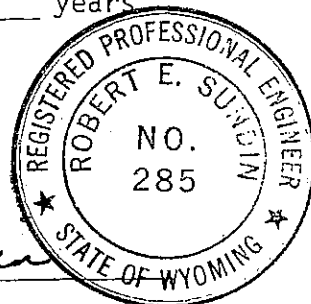
in the County of Natrona, in the State of
Wyoming. This permit shall be effective for a period of two (2) years
from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division
P.E. # 1479



Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality



September 19, 1979 (AMENDED October 17, 1979)
Date of Issuance

"The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements."

This permit does not supercede the requirements for obtaining a Septic Tank Permit from Natrona County Health Department.

cc: Edwin S. Rate, Jr.
P.O. Box 930
Casper, WY 82601

See Amended Permit

PERMIT TO CONSTRUCT

☒ New
☐ Renewal
☐ Modified

Permit No. 79-561

Jim Major
(Name of Facility)

This permit hereby authorizes the applicant:

Major, Jim
(Last) (First) (Middle)

Lot 48, Indian Springs Subdivision
(Street or P.O. Box)

Casper, Natrona, WY 82601
(City) (County) (State)

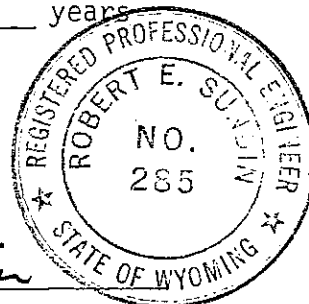
to construct, install, or modify a private cistern and small subsurface disposal
facility located in Sec. 33, T33N, R80W, Lot 48, Indian Springs Subdivision
(Legal Description)

in the County of Natrona, in the State of
Wyoming. This permit shall be effective for a period of two (2) years
from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William L. Quade
Administrator
Water Quality Division

Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality



September 19, 1979
Date of Issuance

"The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements."

This permit does not supercede the requirements for obtaining a Septic Tank Permit from Natrona County Health Department.

cc: Russell Donley
Western Engineers
501 N. Sun Drive
Casper, WY 82601

104-12-28-17

PERMIT TO CONSTRUCT

☒ New
☐ Renewal
☐ Modified

Permit No. 79-562RR

Conoco Big Muddy Sanitary System (DOE Flood Injection Plant)
(Name of Facility)

This permit hereby authorizes the applicant:

Conoco, Inc.
(Last) (First) (Middle)

907 North Union Blvd.
(Street or P.O. Box)

Casper, WY 82601
(City) (County) (State)

to construct, install, or modify a industrial subsurface disposal
facility located in Sec. 9, T33N, R76W
(Legal Description)

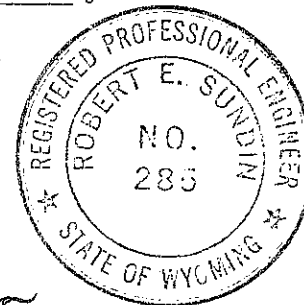
in the County of Converse, in the State of
Wyoming. This permit shall be effective for a period of two (2) years
from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division



Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality



December 21, 1979
Date of Issuance

"The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements."

Book
11-10-31-79

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION

~~XXXXXXXXXXXXXXXXXXXX~~ Hathaway Bldg.
Cheyenne, Wyoming 82002

PROJECT: Conoco Big Muddy Sanitary System (DOE Flood Injection Plant)
Converse Co.

ARCHITECT OR ENGINEER: Conoco, Inc., 907 North Union Blvd., Casper, WY 82601

WATER QUALITY DIVISION REFERENCE NUMBER: 79-562R

REVIEWING ENGINEER: LeRoy C. Feusner, P.E. *LF*

DATE OF REVIEW: October 30, 1979

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

The construction plans must be signed by a professional engineer registered in the State of Wyoming (Section 4, Chapter III, Wyoming Water Quality Rules & Regulations).

Enclosure: Chapter III, Wyoming Water Quality Rules & Regulations

17
10-10-79

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION

~~STATE OFFICE~~ XXXXX Building Hathaway Bldg.

Cheyenne, Wyoming 82002

PROJECT: Conoco Big Muddy Sanitary System (DOE Flood Injection Plant),
Converse Co.

ARCHITECT OR ENGINEER: Conoco, Inc., 907 North Union Blvd., Casper, WY 82601

WATER QUALITY DIVISION REFERENCE NUMBER: 79-562

REVIEWING ENGINEER: LeRoy C. Feusner, P.E. *LF*

DATE OF REVIEW: October 5, 1979

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. All plans and specifications submitted for approval must carry the seal or signature of a professional engineer licensed in Wyoming.
2. What material/specifications are to be used for sewer pipe?
3. Provide construction detail for railroad spur crossing.

cc: Johnson-Fermelia & Crank, Inc.
P.O. Box 1633
Rock Springs, WY 82901
ATTN: Harry Moore, P.E.

cc: Town of South Superior
P.O. Box 307
South Superior, WY 82945

11403
10-10-79

PERMIT TO CONSTRUCT

☒ New
☐ Renewal
☐ Modified

Permit No. 79-563R

Second Addition to South Superior
(Name of Facility)

This permit hereby authorizes the applicant:

Sweetwater Housing Development of Wyoming
(Last) (First) (Middle)

P.O. Box 265
(Street or P.O. Box)

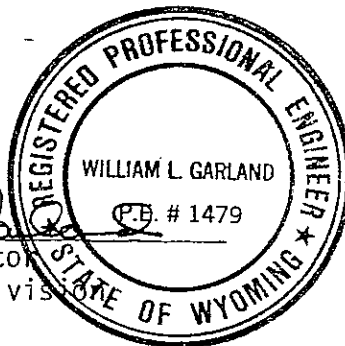
Superior, Wyoming 82945
(City) (County) (State)

to construct, install, or modify a water distribution system
facility located in Sec. 28, T. 21 N., R. 102 W.
(Legal Description)

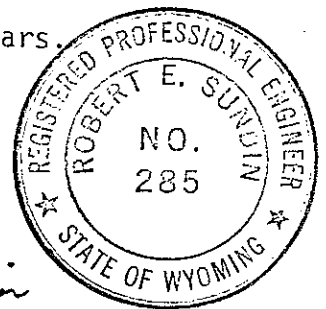
in the County of Sweetwater, in the State of
Wyoming. This permit shall be effective for a period of two years
from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division



Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality



October 2, 1979

Date of Issuance

"The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements."

Choyama

REVIEW OF PLANS AND SPECIFICATIONS
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION
933 MAIN STREET,
LANDER, WYOMING, 82520.
(307) 332-3144

PROJECT: 2nd Addition to South Superior
Water Distribution System
Sec. 28, T. 21N, R. 102W, South Superior, WY, Sweetwater Co.

ENGINEER: Johnson - Fermelia & Crank, Inc.
P. O. Box 1633
Rock Springs, WY 82901
ATTN: Harry L. Moore, P.E.

OWNER: Sweetwater Housing Development of Sweetwater County
P. O. Box 265
Superior, WY 82945

WATER QUALITY DIVISION REFERENCE NUMBER: 79-563

MS. Jar
REVIEWING ENGINEER: David W. Hill, P.E.

DATE OF REVIEW: September 15, 1979

ACTION: NOT AUTHORIZED.

COMMENTS:

GENERAL

(1) A letter is needed from the Town of South Superior indicating that water service will be provided for this subdivision.

WATER SYSTEM

(2) Why not use larger sized lines? (i.e. - six inches). The cost difference is minimal and when the South Superior Water Distribution System is upgraded, it will be upgraded with six inch and larger lines. Fire hydrants should not be used on less than six inch lines.

(3) Complete water line testing specifications are needed (i.e. - pressure testing, leakage testing according to AWWA C-600).

(4) Indicate depth of water lines.

(5) Blowoffs are needed on each end of the line on "D" street. Temporary blowoffs can be used if the line will be extended in the future.

cc: Town of South Superior

cc: Johnson - Fermelia & Crank, Inc.
P. O. Box 1633
Rock Springs, WY 82901
ATTN: Harry Moore, P.E. PERMIT TO CONSTRUCT

M to S
9-26-79

☒ New
☐ Renewal
☐ Modified

Permit No. 79-564

Bergman No. 1

(Name of Facility)

This permit hereby authorizes the applicant:

Sweetwater Housing Development of Wyoming

(Last)

(First)

(Middle)

P. O. Box 265

(Street or P.O. Box)

Superior

(City)

WY

(County)

82945

(State)

to construct, install, or modify a septic tank - absorption bed

facility located in Sec. 28, T. 21N, R. 102W

(Legal Description)

in the County of Sweetwater, in the State of

Wyoming. This permit shall be effective for a period of Two years

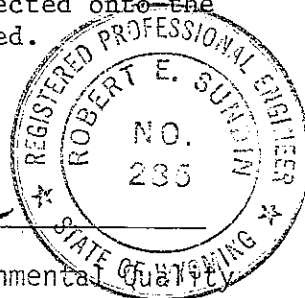
from the date of issuance of this permit not to exceed five (5) years.

This is for a temporary facility only. The residences shall be connected onto the town collection system when construction of the new system is finished.

AUTHORIZED BY:

William H. Jones
Administrator
Water Quality Division

Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality



September 17, 1979

Date of Issuance

"The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements."

cc: Johnson - Fermelia & Crank, Inc.
P. O. Box 1633
Rock Springs, WY 82901
ATTN: Harry Moore, P.E. PERMIT TO CONSTRUCT

M402-9
9-26-79

☒ New

Permit No. 79-565

☐ Renewal

☐ Modified

Bergman No. 2

(Name of Facility)

This permit hereby authorizes the applicant:

Sweetwater Housing Development of Wyoming

(Last) (First) (Middle)

P. O. Box 265

(Street or P.O. Box)

Superior

WY

82945

(City)

(County)

(State)

to construct, install, or modify a septic tank - absorption bed

facility located in Sec. 28, T. 21N, R. 102W

(Legal Description)

in the County of Sweetwater, in the State of

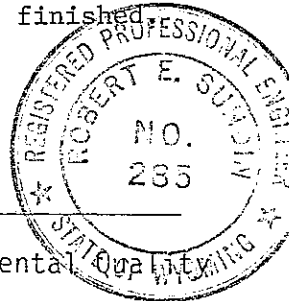
Wyoming. This permit shall be effective for a period of Two years
from the date of issuance of this permit not to exceed five (5) years.

This permit is for a temporary facility only. The residences shall be connected
onto the town collection system when construction of the new system is finished.

AUTHORIZED BY:

William L. Galas
Administrator
Water Quality Division

Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality



September 17, 1979

Date of Issuance

"The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements."

cc: Johnson - Fermelia & Crank, Inc.
P. O. Box 1633
Rock Springs, WY 82901
ATTN: Harry Moore, P.E. PERMIT TO CONSTRUCT

1407
9-26-79

☒ New

Permit No. 79-566

☐ Renewal

☐ Modified

Bergman No. 3

(Name of Facility)

This permit hereby authorizes the applicant:

Sweetwater Housing Development of Wyoming

(Last)

(First)

(Middle)

P. O. Box 265

(Street or P.O. Box)

Superior

(City)

WY

(County)

82945

(State)

to construct, install, or modify a septic tank - absorption bed

facility located in Sec. 28, T. 21N, R. 102W

(Legal Description)

in the County of Sweetwater, in the State of

Wyoming. This permit shall be effective for a period of Two years

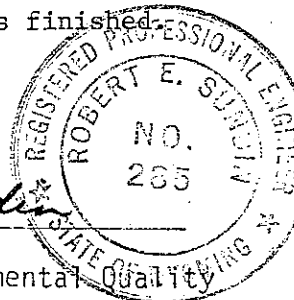
from the date of issuance of this permit not to exceed five (5) years.

This permit is for a temporary facility only. The residences shall be connected onto the town collection system when construction of the new system is finished.

AUTHORIZED BY:

William L. J. [Signature]
Administrator
Water Quality Division

Robert E. Sunder
Director
Wyoming Dept. of Environmental Quality



September 17, 1979

Date of Issuance

"The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements."

cc: Johnson - Fermelia & Crank, Inc.
P. O. Box 1633
Rock Springs, WY 82901
ATTN: Harry Moore, P.E. PERMIT TO CONSTRUCT

☒ New

Permit No. 79-567

☐ Renewal

☐ Modified

Bergman No. 4

(Name of Facility)

This permit hereby authorizes the applicant:

Sweetwater Housing Development of Wyoming

(Last)

(First)

(Middle)

P. O. Box 265

(Street or P.O. Box)

Superior

(City)

WY

(County)

82945

(State)

to construct, install, or modify a septic tank - absorption bed

facility located in Sec. 28, T. 21N, R. 102W

(Legal Description)

in the County of Sweetwater, in the State of

Wyoming. This permit shall be effective for a period of Two years

from the date of issuance of this permit not to exceed five (5) years.

This permit is for a temporary facility only. The residences shall be connected onto the town collection system when construction of the new system is finished.

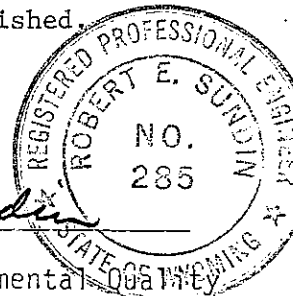
AUTHORIZED BY:

William L. Paul

Administrator
Water Quality Division

Robert E. Sundin

Director
Wyoming Dept. of Environmental Quality



September 17, 1979

Date of Issuance

"The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements."

cc: Johnson - Fermelia & Crank, Inc.
P. O. Box 1633
Rock Springs, WY 82901
ATTN: Harry Moore, P.E. PERMIT TO CONSTRUCT

☒ New

Permit No. 79-568

☐ Renewal

☐ Modified

Bergman No. 5

(Name of Facility)

This permit hereby authorizes the applicant:

Sweetwater Housing Development of Wyoming

(Last)

(First)

(Middle)

P. O. Box 265

(Street or P.O. Box)

Superior

(City)

WY

(County)

82945

(State)

to construct, install, or modify a septic tank - absorption bed

facility located in Sec. 28, T. 21N, R. 102W

(Legal Description)

in the County of Sweetwater, in the State of

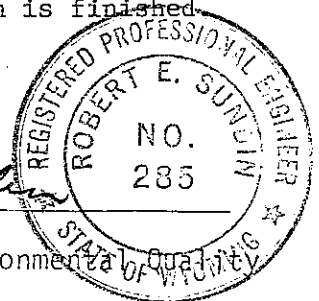
Wyoming. This permit shall be effective for a period of Two years
from the date of issuance of this permit not to exceed five (5) years.

This permit is for a temporary facility only. The residences shall be connected
onto the town collection system when construction of the new system is finished.

AUTHORIZED BY:

William L. Jones
Administrator
Water Quality Division

Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality



September 17, 1979

Date of Issuance

"The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements."

PERMIT TO CONSTRUCT

☒ New

Permit No. 79-569

☐ Renewal

☐ Modified

Belle Ayr Mine - NPDES #005 Reservoir

(Name of Facility)

This permit hereby authorizes the applicant:

AMAX Coal Company

Brown,

(Last)

Michael

(First)

R.

(Middle)

P.O. Box 3005

(Street or P.O. Box)

Gillette

(City)

Campbell

(County)

Wyoming 82716

(State)

to construct, install, or modify a Pit water treatment

facility located in Section 33, T.48N., R.71W.

(Legal Description)

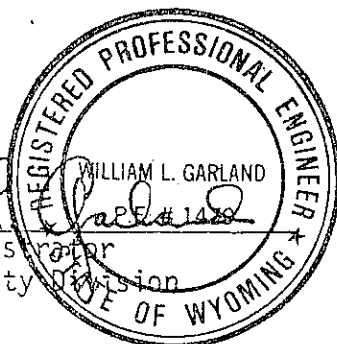
in the County of Campbell, in the State of

Wyoming. This permit shall be effective for a period of two (2) years

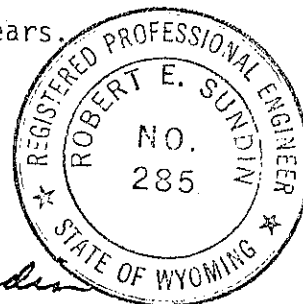
from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division



Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality



November 2, 1979

Date of Issuance

"The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements."

PERMIT TO CONSTRUCT

☒ New

Permit No. 79-570

☐ Renewal

☐ Modified

Belle Ayr Mine - NPDES #006 Reservoir

(Name of Facility)

This permit hereby authorizes the applicant:

AMAX Coal Company

Brown,

Michael

R.

(Last)

(First)

(Middle)

P.O. Box 3005

(Street or P.O. Box)

Gillette

Campbell

Wyoming 82716

(City)

(County)

(State)

to construct, install, or modify a Pit water treatment

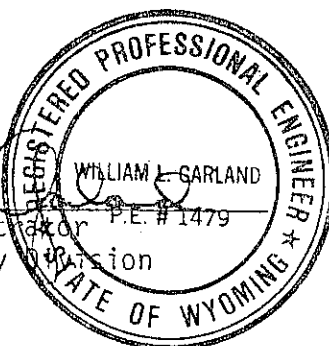
facility located in Section 33, T.48N., R.71W.

(Legal Description)

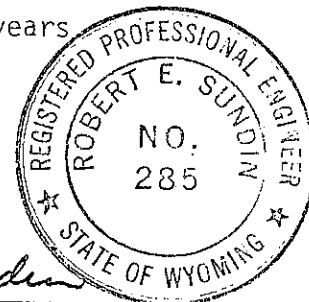
in the County of Campbell, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit not to exceed five (5) years

AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division



Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality



November 2, 1979

Date of Issuance

"The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements."

PERMIT TO CONSTRUCT

☒ New

Permit No. 79-571

☐ Renewal

☐ Modified

Belle Ayr Mine - NPDES #007 Reservoir

(Name of Facility)

This permit hereby authorizes the applicant:

AMAX Coal Company

Brown,

Michael

R.

(Last)

(First)

(Middle)

P.O. Box 3005

(Street or P.O. Box)

Gillette,

Campbell

Wyoming

82716

(City)

(County)

(State)

to construct, install, or modify a Pit water treatment

facility located in Section 33, T.48N., R.72W.

(Legal Description)

in the County of Campbell

, in the State of

Wyoming. This permit shall be effective for a period of two (2) years

from the date of issuance of this permit not to exceed five (5) years.

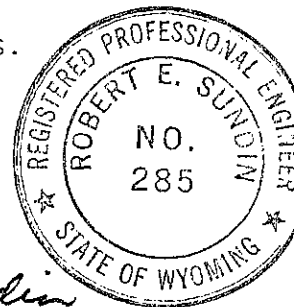
AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division



Robert E. Sundin
Director

Wyoming Dept. of Environmental Quality



November 2, 1979

Date of Issuance

"The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements."

From the

to the

SUB

DATE

MESSAGE:

79-569, 79-570, 79-571.

79-600

[Faint handwritten notes]

ORIGINATOR-DO NOT WRITE BELOW THIS LINE

REPLY TO

SIGNED

[Signature]

REPLY

Abaker to Jahan, 10/29/79

WIDE'S permit not needed; clearance
time amount the appropriate (15 day to date)

DATE

SIGNED

SEND PARTS 1 AND 3 UNLESS PART 1 WILL BE RETURNED WITH REPLY

REPLY

REPLIER'S COPY

REPLIER KEEP FOR FILE COPY

11-15



ED HERSCHLER
GOVERNOR

Department of Environmental Quality
Water Quality Division

HERSCHLER BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

November 13, 1985

Gary Case
City Engineer
Town of Douglas
Douglas, WY 82633

RE: DEQ/WQD Ref. No. 79-572, Standard Specifications for the Design and Construction of Water Mains, 1979

Dear Mr. Case:

Your application is considered inactive and this file is being closed under the assumption that the applicant does not wish to proceed with the permit to construct process.

This project has not been permitted. Construction of this facility without a permit is a violation of the Environmental Quality Act and punishable with fines not to exceed \$10,000 per day of violation. If this project has already been constructed, it is your responsibility to immediately contact this office for further instruction. If you wish to reconsider construction of this facility, then application procedures pursuant to Chapter III, Water Quality Rules & Regulations, must be followed.

Sincerely,

A handwritten signature in cursive script, reading "William L. Garland".

William L. Garland
Administrator

WLG/CGN/nc



Department of Environmental Quality

Water Quality Division

1111 EAST LINCOLNWAY

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

March 12, 1984

Town of Douglas
130 South Third Street
Douglas, WY 82633

Dear Sir:

Our records indicate your application for a permit to construct has not been resubmitted to this office for review and authorization. The specific information for your proposed project are:

Facility name:	Standard Specifications for the Design & Construction of Water Mains, 1979
DEQ/WQD Reference Number:	79-572
Engineering Consultant:	Gary Case, Town Engineer, Douglas
DEQ/WQD Reviewing Engineer:	Robert Pinther
Date of DEQ/WQD Review:	September 17, 1979

Please indicate below the status of your application and return this form to our office:

- ☐ The application will not be resubmitted as the proposed project has been cancelled.
- ☐ The application will be resubmitted within 30 days.
- ☐ The facility has been constructed, or is under construction. As built construction plans and specifications will be submitted within 30 days.
- ☐ Other remarks _____

You are reminded that the construction, installation, or modification of any sewerage system, treatment works, disposal system, or other facility capable of causing or contributing to pollution, or public water supply system without a Permit to Construct is a violation of Wyoming State Statutes. Unless the Water Quality Division reviewing engineer receives this information within 15 days of the receipt of this letter, follow-up action will be taken.

Sincerely,

A handwritten signature in dark ink, appearing to read "LeRoy C. Feusner", written in a cursive style.

LeRoy C. Feusner, P.E.
Southeast District Supervisor
Water Quality Division

cc: Gary Case
Town Engineer
130 South Third Street
Douglas, WY 82633

Book
M-9-21-79

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION

~~STATE OF WYOMING~~ Hathaway Bldg.

Cheyenne, Wyoming 82002

PROJECT: Standard Specifications for the Design and Construction of Water Mains,
1979, Town of Douglas, Converse Co.

ARCHITECT OR ENGINEER: Mr. Gary Case, City Engineer, Town of Douglas, Douglas, WY 82633

WATER QUALITY DIVISION REFERENCE NUMBER: 79-572

REVIEWING ENGINEER: *Robert H. Pinther*
Robert H. Pinther, M.S., P.E.

DATE OF REVIEW: September 17, 1979

ACTION: NOT AUTHORIZED PENDING REVISION AS OUTLINED IN COMMENTS BELOW

COMMENTS:

1. Incorporate the terms "Standard" and "1979" into the project title.
2. In line 4 of paragraph 3, Pavement Cuts, on page 5, change "trench is not less than" to "trench is not more than".
3. Where are the "Standard Specifications" referred to in paragraph 3, Pipe Bedding, on page 5?
4. Since ABS pipe is not specified, the reference to bedding for ABS pipe on page 5 should be omitted.
5. Specify that all asbestos-cement pipe shall be laid in compliance with AWWA Standard C603 for Installation of Asbestos-Cement Pressure Pipe.
6. Incorporate the attached "Requirements for Horizontal and Vertical Separation Between Water and Sewer Mains".
7. Specify that all trenches shall be backfilled by hand from the bottom of the trench to the centerline of the pipe with sand, gravel or other material approved by the engineer.
8. Specify that the backfill material shall be deposited in the trench for its full width on each side of the pipe, fittings, and appurtenances simultaneously.
9. Please incorporate all revisions into the standard specifications thus eliminating the need for an addendum.

Enclosure

THE STATE



OF WYOMING

ED HERSCHLER
GOVERNOR

79-573R
11-10-31-79

Department of Environmental Quality
Water Quality Division

HATHAWAY BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

October 31, 1979

Earl L. and Edith M. Williams
419 South 5th Street
Laramie, WY 82070

Re: Notice of Violation, Cease and
Desist Order, Docket #594-79

Dear Mr. and Mrs. Williams:

The Water Quality Division has completed an engineering review of the "as built" construction plans and specifications for the Skyline Plaza Addition, Blocks 1, 2, 3 & 4, Laramie, Wyoming, and have found that they meet minimum State standards for sewer and water line construction. Since a Permit to Construct cannot be issued for "as built" facilities, this letter will serve as your approval document.

Sincerely,

A handwritten signature in cursive script, likely of LeRoy C. Feusner.

LeRoy C. Feusner, P.E.
District Supervisor
Water Quality Division

LCF/nc

cc: George C. Harokopis
1730 Park Avenue
Laramie, WY 82070

M-
10-9-79

WATER QUALITY DIVISION

XXXXXXXXXXXXX Hathaway Bldg.

1. How were water/sewer crossovers installed? Provide construction detail.
2. What were the construction specifications and minimum sizes for water line thrust blocks?
3. What was the depth of bury for water lines?
4. What sewer pipe alignment and deflection tests were accomplished?
5. What are the results of infiltration/exfiltration tests?
6. What are the results of the pressure and leakage tests on the distribution system?

cc: Richard G. Zinn
Engineering Consultants
6820 W. Yellowstone Hwy.
Casper, WY 82601

PERMIT TO CONSTRUCT

☒ New
☐ Renewal
☐ Modified

Permit No. 79-574R

Town of Mills - Topaz Addition
(Name of Facility)

This permit hereby authorizes the applicant:

Ponderosa Development
(Last) (First) (Middle)

P.O. Box 3042
(Street or P.O. Box)

Casper, WY 82602
(City) (County) (State)

to construct, install, or modify a water and sewer system extension*

facility located in Sec. 12, T33N, R80W, Lots 18, 19, 20 & 21, Block 6
(Legal Description)

in the County of Natrona, in the State of

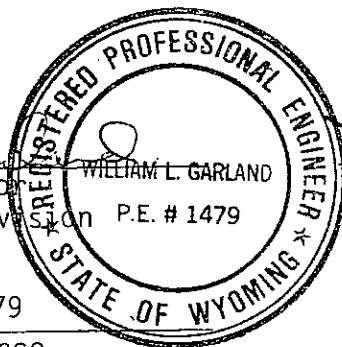
Wyoming. This permit shall be effective for a period of two (2) years

from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

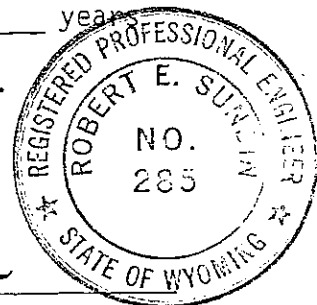
William L. Garland
Administrator

Water Quality Division P.E. # 1479



Robert E. Sundin
Director

Wyoming Dept. of Environmental Quality



November 9, 1979

Date of Issuance

"The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements."

This permit does not supercede the requirements for obtaining a Septic Tank Permit from Natrona County Health Department.

*See Attachment.

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION

~~XXXXXXXXXXXXXXXXXXXX~~ Hathaway Bldg.
Cheyenne, Wyoming 82002

PROJECT: Topaz Addition to the Town of Mills, Townhouse Development,
Lots 18-21, Block 6, Water & Sewer Extensions, Natrona Co.

ARCHITECT OR ENGINEER: Elwin T. Trost, A.C.E. Engineering, 6820 West
Yellowstone Highway, Casper, WY 82601

WATER QUALITY DIVISION REFERENCE NUMBER: 79-574R

REVIEWING ENGINEER: *Robert H. Pinther*
Robert H. Pinther, M.S., P.E.

DATE OF REVIEW: November 8, 1979

ACTION: CONSTRUCTION AUTHORIZED

COMMENTS:

The 4-townhouse group located on the northeastern part of Lot 20 is not
provided with water service.

1140

PERMIT TO CONSTRUCT

☒ New
☐ Renewal
☐ Modified

Permit No. 79-575

Martin Trailer Park
(Name of Facility)

This permit hereby authorizes the applicant:

Martin, Gene
(Last) (First) (Middle)

P.O. Box 435
(Street or P.O. Box)

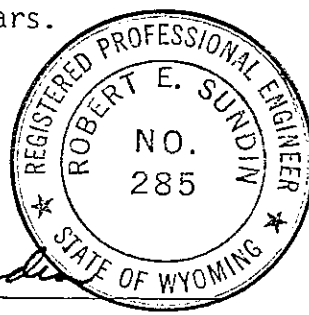
Evanston, WY 82930
(City) (County) (State)

to construct, install, or modify a water distribution and sewage collection
facility located in Sec. 16, T. 15 N., R. 120 W.
(Legal Description)

in the County of Uinta, in the State of
Wyoming. This permit shall be effective for a period of two years
from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division


Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality


September 27, 1979
Date of Issuance

"The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements."

THE STATE



OF WYOMING

ED HERSCHLER
GOVERNOR

Department of Environmental Quality
Water Quality Division

933 MAIN

LANDER, WYOMING 82520

3144
TELEPHONE 307-332-3000

June 26, 1980

Rocky Mountain Engineering & Surveying, Inc.
100 8th Street, Suite #4
P.O. Box 805
Evanston, WY 82930

Attention: Dale E. Peterson, P.E.

Re: Revisions to DEQ #79-575: Martin
Trailer Park

Dear Mr. Peterson:

The proposed change of using ASTM D 3033 SDR 41 PVC sewer pipe instead of the previously specified SDR 35 is acceptable to this office provided the handling, bedding, and testing of the pipe follows your revised specifications.

If further information is required, please do not hesitate to contact us.

Sincerely,

A handwritten signature in cursive script, reading "M. Robin Collins".

M. Robin Collins, P.E.
Northwest District Engineer

cc: Carlton & Carlton
DEQ/Water Quality Division - Cheyenne ✓





Large

Department of Environmental Quality
Water Quality Division

933 MAIN

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

January 29, 1980

Leon Kjellgren
P.O. Box 1144
Rock Springs, WY 82901

RE: Parkhill Village, Sweetwater County, #79-576

Dear Mr. Kjellgren

Our records indicate your application for a permit to construct for the above referenced facility has not been resubmitted to this office. Please indicate below the status of your application.

☒

The application will not be resubmitted. The application is to be removed from DEQ files.

Phone call 2/13

☐

The application will be resubmitted within 30 days.

☐

The facility has been constructed or is under construction.

☐

Other remarks _____

If this letter is not returned within 30 days, your application will be removed from our files.

Sincerely,

DAVID W. HILL
District Engineer

DWH/ms

Same as 80-192

REVIEW OF PLANS AND SPECIFICATIONS
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION
933 MAIN STREET,
LANDER, WYOMING, 82520.
(307) 332-3144



PROJECT: Parkhill Village
Rock Springs, Wyoming, Sweetwater County

ENGINEER: Bush & Gudgell, Inc.
P.O. Box 1144
Rock Springs, WY 82901
ATTN: Leon R. Kjellgren, P.E.
OWNER: Amwest Real Estate & Development
P.O. Box 1517
Ogden, Utah 84401

WATER QUALITY DIVISION REFERENCE NUMBER: 79-576

REVIEWING ENGINEER: David W. Hill, P.E.

DATE OF REVIEW: October 4, 1979

ACTION: NOT AUTHORIZED.

COMMENTS:

General

1. A letter or other confirmation is needed from the city indicating that the city will provide sewer service for this subdivision.
2. At water main - sewer line crossings, the sewer line must be replaced by water line class type material for ten feet on each side of the crossing if the water main goes under the sewer line. Please insert in specifications or notes.
3. Water System
The water line on West View Lane must end in a temporary blow-off or nearby fire hydrant.
4. Does this project include construction of the 12 inch water line on Gateway Boulevard or is this a P.P. & L. project?

Sewer System

5. Sewer line air testing details are needed.

cc: Pacific Power & Light Co.
P.O. Box 1200
Rock Springs, WY 82901

City of Rock Springs
P.O. Box 1030
Rock Springs, WY 82901
ATTN: Ernie Kern, Asst. City Engineer

cc: Arix
760 Horizon Dr.
Grand Junction, CO 81501

PERMIT TO CONSTRUCT

Attn: Gordon W. Bruckner

☒ New
☐ Renewal
☐ Modified

Permit No. 79-577R
EPA C560102-03

TOWN OF JACKSON WASTEWATER TREATMENT PLANT
(Name of Facility)

This permit hereby authorizes the applicant:

TOWN OF JACKSON
(Last) (First) (Middle)
P.O. Box 1687
(Street or P.O. Box)
Jackson Wyoming 83001
(City) (County) (State)

to construct, install, or modify a wastewater treatment plant
facility located in Sec. 20, T. 40 N., R. 116 W.
(Legal Description)

in the County of Teton, in the State of
Wyoming. This permit shall be effective for a period of 2 years
from the date of issuance of this permit not to exceed five (5) years

AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division
P.E. # 1479
REGISTERED PROFESSIONAL ENGINEER
STATE OF WYOMING

Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality
REGISTERED PROFESSIONAL ENGINEER
ROBERT E. SUNDIN
NO. 285
STATE OF WYOMING

March 28, 1980
Date of Issuance

"The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements."

A1-10-12-11

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION

~~XXXXXXXXXXXXXXXXXXXX~~ Hathaway Bldg.

Cheyenne, Wyoming 82002

PROJECT: Jackson WWTP, Phase II, Teton Co.

ARCHITECT OR ENGINEER: ARIX, 760 Horizon Dr., Grand Junction, CO 81501

WATER QUALITY DIVISION REFERENCE NUMBER: 79-577 EPA C560102

REVIEWING ENGINEER: ^{DWH}David W. Hill, P.E., THTom Hamm, P.E.

DATE OF REVIEW: December 11, 1979

ACTION: NOT AUTHORIZED

COMMENTS:

PLANS

1. Sheet 2:
 - a. Cell #1 appears to have a lot of dead area and susceptible to short circuiting. Would longitudinal baffles assist in a quasi-race track flow?
 - b. Proprietary statement is contrary to EPA requirements.
 - c. Five separate discharge points are not acceptable, since self-monitoring reports are required whether all or none are used. Emergency bypasses from RIBs 1, 2 and 3 are not warranted. One emergency bypass from #4 is acceptable.
 - d. Where is the septage dump station? One is required.
 - e. Can cell #1 and cell #2 be drained for maintenance on the grids?
2. Sheet 3:
 - a. Require reasoning for all of the 36 and 42 in. intercell piping. This large pipe requires large valves, hence significant cost increases.
 - b. Should not be able to bypass the quiescent pond.
3. Sheet 11:
 - a. What is maximum allowed sound level in the blower buildings?
 - b. Are blower inlets located such that blowing and drifting snow will not affect performance?
 - c. Blowers and motors should be rubber mounted.

- d. The East Blower Building's layout is not conducive to equipment replacement. How will blowers and motors be handled/moved in the buildings?
4. Sheet 12: a. The airflow meter should be located nearer the dike for winter-time safety.
b. Since the water level in this cell is very critical, recommend a level indicator be designed which is readily visible and simple so the operators will know the cell level is within tolerance.
5. Sheet 14: a. The normal Dorr-Oliver Fiberglass Baffle mountings are not acceptable as the Fiberglass breaks away. Use either straps or wood to mount the baffles.
6. Sheet 15: a. Check valves are required on the air lines so when the blowers are shut down, water is not drawn into the headers.
7. Sheet 16: a. Is there sufficient size in the influent chamber to reduce turbulence and get a good accurate reading across the flume?
8. Sheet 17: a. Please explain and justify the need for such a cell #1 level control system.
9. Sheet 32: a. A portable standby power unit is not acceptable. Since this is a gravity operated system, only a small power unit for lighting and control is required.
10. Sheet 38: a. Why no pine or fir?
11. Sheet 42: a. 3 ϕ voltammeters and run time meters on motors.
12. Sheet 43: a. Any standby power system should be automatic since there will not be an operator on duty 24 hours a day.
13. Water Well System - No drawings or data provided. Details required.
14. Design criteria is requested to show that the I/P influent structures are sufficient energy dissipators to prevent bed bottom scour.
15. Design criteria is requested for the hydrologic data for bridge sizing (i.e., design flood, high water level through opening during flood stage, etc.). This, along with low water level, etc., should be presented on the plan sheet. I assume scouring of the stream bed through the bridge opening is not expected to be a problem during flood stage.
16. The live load design is HS-20-44. Will this bridge be used by earth moving equipment during construction? If not, HS-15-44 may be more justified unless the cost difference is small.
17. An Army Corp of Engineers permit may be needed for the bridge construction and any temporary culverts over Flat Creek.

18. Will trucks be able to make the 9% grade of the access roads in the winter?
19. What is the design speed of the access roads? Speed signs and other applicable road signs are needed.
20. Why no superelevations on the sharp curves?
21. Can the clay liner be adequately protected from rupture and upheaval during installation because of the groundwater?
22. Better infiltration specifications are needed.
23. Is an elaborate effluent structure really needed for cell #1? Is a very small variation in cell depth needed? Solids will accumulate in the structure and it will be a headache for the operator keeping the weirs clean and level.
24. How about a light in the I/P flow measurement vault?
25. Is an airflow meter provided for the air supplied to cell #2?
26. The remaining inverted siphon should use joint restrained couplings.
27. Because all three inlet siphon pipes enter at the same invert, will there be any problems with backflushing of solids into pipes not in use? It appears there may be potential problems. There is plenty of head to play with. Why not let the 14 inch and 18 inch pipe enter at higher inverts?
28. Driveway markers are required along the dikes for wintertime driving.
29. Where are the outside hose bibs and what about fire hoses and equipment?
30. SPECS SECTION

- a. 02550-2 Aren't soils in the area quite hot, thereby requiring some type of cathodic protection?
- b. 02570-4 All lines must be I/I tested not just what Engineer wants! All manholes must be tested for I/I and exfiltration.
- c. 11920 The laboratory equipment appears excessive for this type plant. from this list, one must assume there is no lab equipment on hand at the Jackson STP. The DEQ lab chief will be asked to review the proposed list and his comments will follow.

Switchable voltammeters and run time meters are required on blower motors and large pumps.

All coated ferrous pipe and related appurtenances should not be handled with a chain or cable but only with a fabric strap. The chain and cable knocks off the coating and accelerates the electrolysis.

Have any investigations into "soil hotness" been conducted?
I feel they are required.

Require more details on the building heating systems before any judgment is passed or comments made; however, do not understand solar heat, electric heat, oil fired heat and heat exchangers in the influent.

- d. 02200-2 "Maintain the excavations and site free from water throughout work." This is an impossibility at the selected site.
 - e. 03200-7 Impervious lining - How can the Bentonite be installed with the high groundwater?
 - f. 02550-5 "Final Flushing" - Where is the highly chlorinated water to be flushed to?
 - g. 02570-3 Waterline Crossings - What about testing?
 - h. 02570-4 All pipe must be I/I and exfiltration tested.
 - i. 02680-1 Where are the plan details?

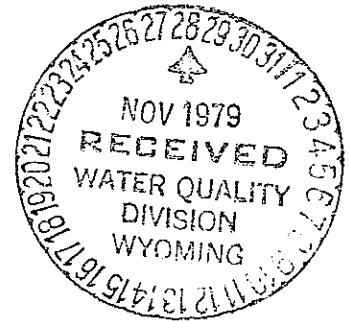
How will exterior concrete be coated/treated?
 - j. 11510 Is there a spare blower?

The Fiberglass grid must be installed in a more secure manner.
 - k. 11520-1 Detail efficiency requirements.
 - l. 11920-1 The laboratory equipment list will be run through the DEQ lab chief for comments. Isn't there any equipment presently available which can be moved to the new facility and has the Jackson chief operator bought off on the lab and equipment?
 - m. 13440-8 Is the plant to be manned 24 hours per day? If not, is there to be telemetry with an alarm to a continuously manned location? Where are the wiring and details of all the controls and monitoring equipment?
 - n. 15100-2 Request a cost comparison for the 36 and 42 inch pipe valves and other related appurtenances versus realistically sized pipe.
 - o. 15650-1 Why is the refrigeration required?
 - p. 16405-1 Also, see previous comments on standby generator.
31. Question the manual switch-over for any standby power system. Where does the day tank go? On the trailer? Where is the storage tank and what is its size?
32. An EPA required review and check sheet completion will be accomplished on the completed P and S.
33. This may not be construed as a final review.

PRELIMINARY REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION
933 MAIN STREET,
LANDER, WYOMING, 82520.
(307) 332-3144



PROJECT: Jackson WWTP
Phase II

ENGINEER: ARIX
760 Horizon Dr.
Grand Junction, CO 81501

OWNER: Town of Jackson
Jackson, WY 83001

WATER QUALITY DIVISION REFERENCE NUMBER: 79-577 EPA C560102

REVIEWING ENGINEER: *DWH* David W. Hill, P.E.

DATE OF REVIEW: November 26, 1979

ACTION: NOT AUTHORIZED.

COMMENTS:

FIELD OFFICE COMMENTS

(Internal DEQ-WQD use)

1. The remaining inverted siphon should use joint restrained couplings.
2. Because all three inlet siphon pipes enter at the same invert, will there be any problems with backflushing of solids into pipes not in use? It appears there may be potential problems. There is plenty of head to play with. Why not let the 14 inch and 18 inch pipe enter at higher inverts?
3. Will short circuiting be a problem in Cell #1? Would longitudinal baffles help keep the flow in a quazi-racetrack arrangement?
4. East blower building - can each individual blower be removed without undue effort?
5. Is an airflow meter provided for the air supplied to Cell #2?
6. Can the fiberglass baffles withstand the wear and tear?
7. Can the individual grids in Cell #1 be easily removed for maintenance, or will a type of A-frame or etc. be needed? If effort is needed, the frame should be provided.

PRELIMINARY REVIEW OF PLANS & SPECS
INTERNAL DEQ-WQD USE
JACKSON WWTP, PHASE II
NOVEMBER 26, 1979
PAGE TWO

8. Is an elaborate effluent structure really needed for Cell #1? Is a very small variation in cell depth needed? Solids will accumulate in the structure and it will be a headache for the operator keeping the weirs clean and level.
9. How about a light in the I/P flow measurement vault?
10. Emergency bypasses from infiltration basins 1, 2, and 3 are not warranted. One emergency bypass from bed 4 is acceptable.
11. Design criteria is requested to show that the I/P influent structures are sufficient energy dissipators to prevent bed bottom scour.
12. Why an emergency generator? I don't understand why one is needed for a gravity flow lagoon system.
13. Design criteria is requested for the hydrologic data for bridge sizing. (i.e. design flood, high water level through opening during flood stage, etc.) This along with low water level, etc. should be presented on the plan sheet. I assume scouring of the stream bed through the bridge opening is not expected to be a problem during flood stage.
14. The live load design is HS-20-44. Will this bridge be used by earthmoving equipment during construction. If not HS-15-44 may be more justified unless the cost difference is small.
15. An Army Corp of Engineers permit may be needed for the bridge construction and any temporary culverts over Flat Creek.
16. Will trucks be able to make the 9% grade of the access roads in the winter?
17. What is the design speed of the access roads? Speed signs and other applicable road signs are needed.
18. Why no superelevations on the sharp curves?
19. The water well details are needed.
20. Can the clay liner be adequately protected from rupture and upheaval during installation because of the groundwater.
21. Better infiltration specifications are needed.

cc: Jim Willey
TSP Wyoming
1058 Kentucky Ave.
Sheridan, WY 82801

PERMIT TO CONSTRUCT

MHS
11-1-79

☒ New

Permit No. 79-578R

☐ Renewal

☐ Modified

COUNTRY CLUB ROAD IMPROVEMENT DISTRICT

(Name of Facility)

This permit hereby authorizes the applicant:

Marquiss

(Last)

Duke

(First)

(Middle)

c/o VIP Realty

Holiday Inn

(Street or P.O. Box)

Gillette

(City)

Campbell

(County)

Wyoming 82716

(State)

to construct, install, or modify a water distribution and sewage collection

facility located in Section 34, T.5N., R.72W.

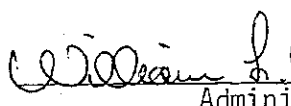
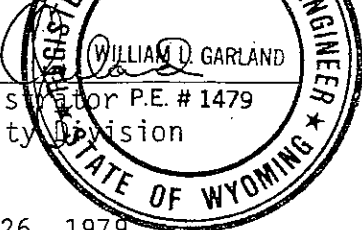
(Legal Description)


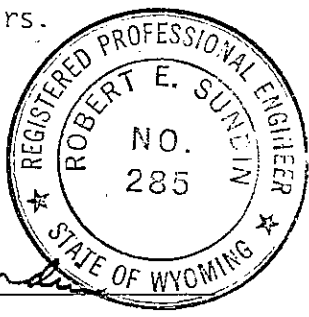
in the County of Campbell, in the State of

Wyoming. This permit shall be effective for a period of two (2) years

from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:


Adminis. Director P.E. # 1479
Water Quality Division



Director
Wyoming Dept. of Environmental Quality


October 26, 1979

Date of Issuance

"The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements."

4-4-84

THE STATE



OF WYOMING

ED HERSCHLER
GOVERNOR

Department of Environmental Quality

Water Quality Division

1111 EAST LINCOLNWAY

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

April 3, 1984

Mr. James Graves
3100 East Sinclair Place
Casper, WY 82609

Dear Mr. Graves:

On March 12, 1984, a status letter was sent to you concerning a permit to construct, reference number 79-579, facility name Pace Trailer Park. The application is considered inactive and is being returned under the assumption that the applicant does not wish to proceed with the permit to construct process.

This project has not been permitted. Construction of this facility without a permit is a violation of the Environmental Quality Act and punishable with fines not to exceed \$10,000 per day of violation. If this project has already been constructed, it is your responsibility to immediately contact this office for further instruction. If you wish to reconsider construction of this facility, then application procedures pursuant to Chapter III, Water Quality Rules & Regulations, must be followed.

Sincerely,

A handwritten signature in dark ink, appearing to read "LeRoy C. Feusner".

LeRoy C. Feusner, P.E.
Southeast District Supervisor
Water Quality Division

LCF/nc

THE STATE



OF WYOMING

ED HERSCHLER
GOVERNOR

Department of Environmental Quality

Water Quality Division

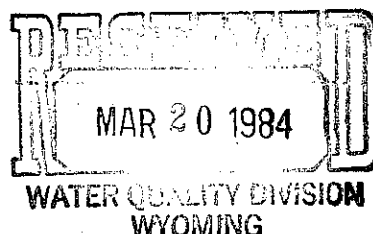
1111 EAST LINCOLNWAY

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

March 12, 1984

Mr. James Graves
3100 East Sinclair Place
Casper, WY 82607



Dear Mr. Graves:

Our records indicate your application for a permit to construct has not been resubmitted to this office for review and authorization. The specific information for your proposed project are:

Facility name:	Pace Trailer Park, Converse County
DEQ/WQD Reference Number:	79-579
Engineering Consultant:	Jim Graves
DEQ/WQD Reviewing Engineer:	LeRoy C. Feusner
Date of DEQ/WQD Review:	October 4, 1979

Please indicate below the status of your application and return this form to our office:

☒ The application will not be resubmitted as the proposed project has been cancelled.

☐ The application will be resubmitted within 30 days.

☐ The facility has been constructed, or is under construction. As built construction plans and specifications will be submitted within 30 days.

☐ Other remarks _____

THE STATE



OF WYOMING

ED HERSCHLER
GOVERNOR

Department of Environmental Quality

Water Quality Division

1111 EAST LINCOLNWAY

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

March 12, 1984

Mr. James Graves
3100 East Sinclair Place
Casper, WY 82601

Dear Mr. Graves:

Our records indicate your application for a permit to construct has not been resubmitted to this office for review and authorization. The specific information for your proposed project are:

Facility name:	Pace Trailer Park, Converse County
DEQ/WQD Reference Number:	79-579
Engineering Consultant:	Jim Graves
DEQ/WQD Reviewing Engineer:	LeRoy C. Feusner
Date of DEQ/WQD Review:	October 4, 1979

Please indicate below the status of your application and return this form to our office:

☐ The application will not be resubmitted as the proposed project has been cancelled.

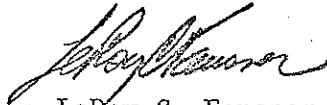
☐ The application will be resubmitted within 30 days.

☐ The facility has been constructed, or is under construction. As built construction plans and specifications will be submitted within 30 days.

☐ Other remarks _____

You are reminded that the construction, installation, or modification of any sewerage system, treatment works, disposal system, or other facility capable of causing or contributing to pollution, or public water supply system without a Permit to Construct is a violation of Wyoming State Statutes. Unless the Water Quality Division reviewing engineer receives this information within 15 days of the receipt of this letter, follow-up action will be taken.

Sincerely,

A handwritten signature in dark ink, appearing to read 'LeRoy C. Feusner', written in a cursive style.

LeRoy C. Feusner, P.E.
Southeast District Supervisor
Water Quality Division

Boiler
10-2-79

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION

XXXXXXXXXXXXXXXXXXXXX Hathaway Bldg.

Cheyenne, Wyoming 82002

PROJECT: Pace Trailer Park, Converse Co.

ARCHITECT OR ENGINEER: Jim Graves, 3100 East Sinclair Place, Casper, WY 82601

WATER QUALITY DIVISION REFERENCE NUMBER: 79-579

REVIEWING ENGINEER: LeRoy C. Feusner, P.E. *LF*

DATE OF REVIEW: October 4, 1979

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

General

1. An application (2 copies) for a Permit to Construct must be completed and signed by the owner.

Well

1. Provide complete chemical (including heavy metals, arsenic, barium, cadmium, chromium, lead, mercury, nitrate, selenium, and silver), bacteriological, and radiological analyses of the well water for approval prior to use.
2. What is the material specification and thickness of the well casing?
3. Where is the well casing vent located and how is it to be constructed?
4. What are the grouting material specifications?
5. What is the height of the permanent well casing above floor level? Ten State Standards require 12 inches.
6. Where is the check valve located?
7. Provide actual flow rates for well.
8. What facilities exist for auxiliary power?
9. Provisions, such as housing, exhaust ventilation, storage, valves, piping, etc., must be provided in the construction plans for future chlorination, if required by water quality tests. Chlorine addition would be at point prior to entry into storage tanks.

Pace Trailer Park
DEQ/WQD Ref. No. 79-579
October 4, 1979
Page two

Storage Tanks

1. Provide material specifications for water storage tanks, including inner protection coating.
2. Provide details for access, overflow, and vents.

Leach Field

1. What were the percolation test results?
2. Gravel for drain field must be in the size range, $\frac{1}{2}$ -2 $\frac{1}{2}$ inches. Amend drain field specifications.

THE STATE



OF WYOMING

79-580
Book
M-10-5-79
ED HERSCHLER
GOVERNOR

Department of Environmental Quality
Water Quality Division

HATHAWAY BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

October 5, 1979

Mr. Ronald L. Myles
L. C. Fulenwider, Inc.
1050 17th Street
Suite 2526
Denver, Colorado 80265

Dear Mr. Myles:

The Wyoming Department of Environmental Quality, Water Quality Division has received and reviewed the water and sewer construction plans and specifications for your Rawlins Plaza Shopping Center. These plans meet the minimum State of Wyoming requirements. A Permit to Construct cannot be issued for "as built" construction. Therefore, this letter will serve as your approval document for this project.

Wyoming statutes required that no person, except when authorized by a permit, may construct, install, modify or operate any sewerage collection/treatment/disposal or public water supply systems. Future construction plans and specifications must be submitted to this Division for review and approval prior to construction.

Sincerely,

A handwritten signature in dark ink, appearing to read "LeRoy C. Feusner".

LeRoy C. Feusner
Chemical Engineer
Water Quality Division

LCF/nc

cc: Robert A. Harrower
Box 67
Pinedale, Wyoming 82941

PERMIT TO CONSTRUCT

M-68
3-13-80

☒ New

Permit No. 79-581RR

☐ Renewal

☐ Modified

PLAINVIEW ADDITION TO TOWN OF NEWCASTLE

(Name of Facility)

This permit hereby authorizes the applicant:

Foothills Development Co., Inc.

(Last)

(First)

(Middle)

Box 56

(Street or P.O. Box)

Pinedale, Wyoming 82941

(City)

(County)

(State)

to construct, install, or modify a water distribution and sewage collection

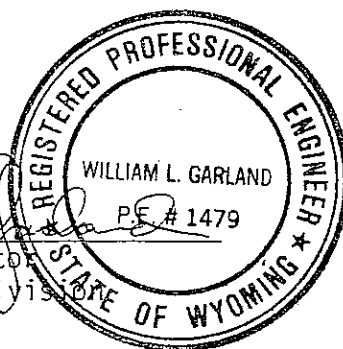
facility located in SE $\frac{1}{4}$ Section 29, T.45N., R.61W.

(Legal Description)

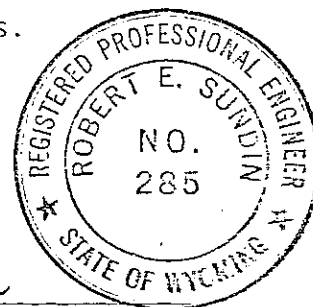
in the County of Weston, in the State of
Wyoming. This permit shall be effective for a period of two (2) years
from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division



Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality



March 10, 1980
Date of Issuance

"The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements."

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
30 East Grinnell
Sheridan, Wyoming 82801

PROJECT: Plainview Addition

ARCHITECT OR ENGINEER: Rio Verde Engineering
Box 67
Pinedale, WY 82941

WATER QUALITY DIVISION REFERENCE NUMBER: 79-581

REVIEWING ENGINEER: Tom Mueller *TFM*

DATE OF REVIEW: October 26, 1979

ACTION: Not Authorized for Construction (See Comments)

COMMENTS:



1. Profile drawings for all sanitary sewers are required.
Sanitary sewer specifications are required, to include at a minimum:
 - a. PVC pipe specifications (ordinarily must meet ASTM D3033 or D3034, SDR 35).
 - b. Trenching, bedding and backfill specifications.
 - c. Maximum allowable infiltration or exfiltration, and test method to be used.
 - d. Manhole specifications and/or detail drawings.
 - e. Service tap detail drawings (branch wye taps are ordinarily required).
3. Plan drawings of the water system should indicate all valve locations.
4. Water system specifications are required, to include at a minimum:
 - a. Asbestos-cement pipe specifications (ordinarily AWWA C-400).
 - b. Trenching, bedding and backfill specifications.
 - c. Specifications for valves and hydrants (AWWA) and installation detail drawings.
 - d. Thrust block specifications, detail drawings, and required locations.

Plainview Addition
Reference No. 79-581
Page two

- e. Service tap detail drawings.
 - f. Maximum allowable line leakage, and methods to be used in pressure testing and leakage testing of all lines (ordinarily AWWA D-603).
 - g. Requirements for, and methods to be used in, disinfection of all mains (ordinarily AWWA D-601).
 - h. Requirements for protection of the public water supply integrity at all points where the mains come within 10 feet of any sewer. Those requirements must equal or exceed those contained in the Ten States Standards.
5. This office must receive a written statement from the City of Newcastle to the effect that this area will be provided water and sewer service by the City.
6. Due to the number of items not included in the original plan submission, this review may not address all possible requirements.

☒ New

Permit No. 79-582R

☐ Renewal

☐ Modified

Grand Teton National Park - Highlands Area

(Name of Facility)

This permit hereby authorizes the applicant:

Grand Teton National Park

(Last)

(First)

(Middle)

P. O. Drawer 170

(Street or P.O. Box)

Moose,

(City)

WY

(County)

83012

(State)

construct, install, or modify a water system and sewage collection

facility located in Grand Teton National Park

(Legal Description)

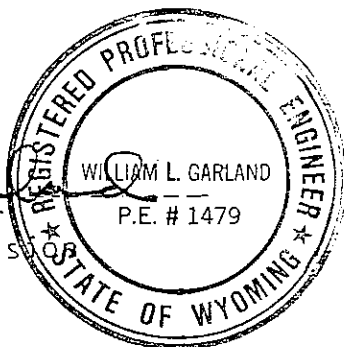
in the County of Teton, in the State of

Wyoming. This permit shall be effective for a period of two years

from the date of issuance of this permit not to exceed five (5) years.

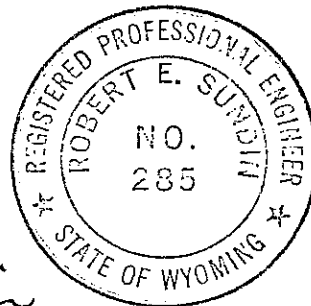
AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division



Robert E. Sundin
Director

Wyoming Dept. of Environmental Quality



March 26, 1980

Date of Issuance

"The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements."

REVIEW OF PLANS AND SPECIFICATIONS
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION
933 MAIN STREET,
LANDER, WYOMING, 82520.
(307) 332-3144



PROJECT: Grand Teton National Park, Package No. 239, Water and Sewer, Highlands

ENGINEER: Donald A. Purse
National Park Service - Denver Service Center
P.O. Box 25287
Denver, Colorado 80225
OWNER: National Park Service Reference: D5039-DSC-TMW
Denver Service Center
P.O. Box 25287
Denver, Colorado 80225
WATER QUALITY DIVISION REFERENCE NUMBER: 79-582

REVIEWING ENGINEER: Rick Engelmann for David W. Hill *R.E.*

DATE OF REVIEW: October 1, 1979

ACTION: NOT AUTHORIZED.

COMMENTS: General

We need three (3) copies of plans and specifications. These must be signed by an engineer licensed in Wyoming. We also need the enclosed "Application for Permit to Construct..." filled out and returned.

Water Supply

1. If it is intended to use a pumper truck on the fire hydrant at the end of the 4" waterline, we will not authorize use of 4" line. It must be 6" or larger.
2. Is a single booster pump adequate? There is no way that the storage tank could provide adequate gravity feed if the single pump should go down. We normally require at least two pumps.
3. Please provide the following:
 - a. A revision of the spec. 15042 to make it conform with the most recent revision of AWWA C600. Spec. 15042 does not comply with the AWWA leakage-pressure test procedures, and it permits excessive leakage.
 - b. More information on the well pitless adapter unit (spec. 15131). How will the unit be attached to the casing? We permit field welding or threaded connections. Will the well cap be vented?
 - c. Provision for bacteriological testing after disinfection of storage tank in spec. 15242.
 - d. A silt stop or equivalent for the line running from the tank to the can pump. One was not shown in the drawings.
 - e. Consideration for an emergency well to booster pump, storage tank bypass line.

REVIEW OF PLANS

GRAND TETON NATIONAL PARK, PACKAGE 239, WATER AND SEWER, HIGHLANDS

RICK ENGELMANN FOR DAVID W. HILL

OCTOBER 1, 1979

PAGE TWO OF TWO

Sewage Disposal

1. The six inch sewer is acceptable as long as no (or little) future expansion of this facility is anticipated.
2. Please provide the following:
 - a. Details on operation of dry well ventilator. Is it run automatically with timer or with switch on access doors?
 - b. Ventilation of the wet well. I did not see anything specified.
 - c. The high level alarm - where is the alarm placed?
 - d. The percolation tests and other soil information used for sizing and locating the leach field.
3. I would suggest placing a valve in the line between the septic tank and lift station.

(A,B,C,)

cc: County Planning Commission
Teton County Courthouse
Jackson, WY 83001

Nelson Engineering
Box 1599
Jackson, WY 83001
ATTN: Robert L. Farnsworth, P.E.

PERMIT TO CONSTRUCT

11 to 2
10-30-79

☒ New
☐ Renewal
☐ Modified

Permit No. 79-583R

Jackson Hole Golf and Tennis Ranches
(Name of Facility)

This permit hereby authorizes the applicant:

Gros Ventre Utility
(Last) (First) (Middle)

P.O. Box 240
(Street or P.O. Box)

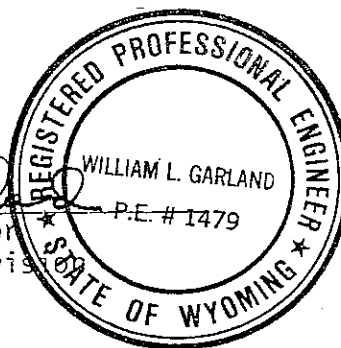
Moran Wyoming 83013
(City) (County) (State)

to construct, install, or modify a water distribution
facility located in Sec. 27, T. 42 N., R. 116 W.
(Legal Description)

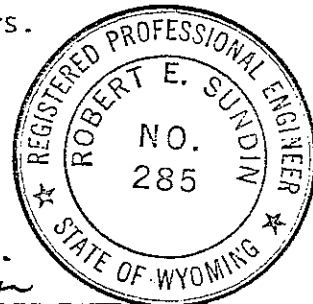
in the County of Teton, in the State of
Wyoming. This permit shall be effective for a period of two years
from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division



Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality



October 22, 1979
Date of Issuance

"The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements."

REVIEW OF PLANS AND SPECIFICATIONS
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION
933 MAIN STREET,
LANDER, WYOMING, 82520.
(307) 332-3144

PROJECT: Jackson Hole Golf and Tennis Ranches
Water System, Section 27, T. 42N., R. 116W.
Teton County
ENGINEER: Nelson Engineering
P. O. Box 1599
Jackson, WY 83001
ATTN: Robert L. Farnsworth, P.E.
OWNER: Gros Ventre Utility
Box 240
Moran, WY 83013



WATER QUALITY DIVISION REFERENCE NUMBER: 79-583

REVIEWING ENGINEER: ^{Out}David W. Hill, P.E.

DATE OF REVIEW: October 11, 1979

ACTION: NOT AUTHORIZED.

COMMENTS:

- (1) AWWA C601 call for slug dosing of 300 mg/l residual chlorine for no less than three hours. The specifications should be changed to reflect this.
- (2) Failure of the bacteriological tests shall result in a repetition of the disinfection procedures.

(A,B,C)

PERMIT TO CONSTRUCT

M/62
10-15-79

☒ New

Permit No. 79-584

☐ Renewal

☐ Modified

Green River Water Treatment Plant
(Name of Facility)

This permit hereby authorizes the applicant:

Pacific Power & Light Company
(Last) (First) (Middle)
ATTN: Chester E. Elston, P.E., Sr. Water Systems Engineer

920 S.W. Sixth Avenue
(Street or P.O. Box)

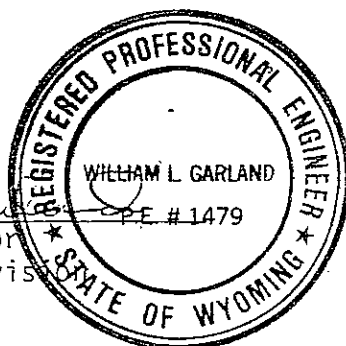
Portland, Oregon 97204
(City) (County) (State)

to construct, install, or modify a filter house expansion and clear well
facility located in Section 22, T. 18N, R. 107W
(Legal Description)

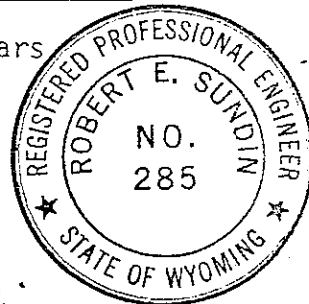
in the County of Sweetwater, in the State of
Wyoming. This permit shall be effective for a period of two years
from the date of issuance of this permit not to exceed five (5) years

AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division



Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality



October 10, 1979
Date of Issuance

"The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements."

cc: Johnson-Fermelia & Crank, Inc.

P. O. Box 1633

Rock Springs, WY 82901

ATTN: Harry Moore, P.E.

PERMIT TO CONSTRUCT

☒ New

Permit No. 79-585R

☐ Renewal

☐ Modified

Holler No. 1

(Name of Facility)

This permit hereby authorizes the applicant:

Holler

Richard

(last)

(First)

(Middle)

Harry L. Moore, Agent

P. O. Box 97

(Street or P.O. Box)

Wamsutter

WY

82336

(City)

(County)

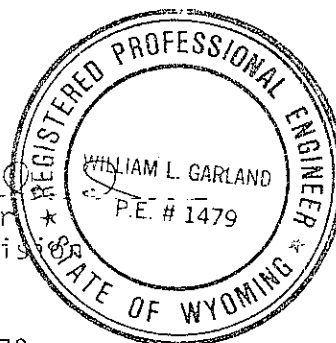
(State)

to construct, install, or modify a wastewater collection, septic tank/leach field
facility located in Section 34, T. 20N., R. 94W.
(Legal Description)

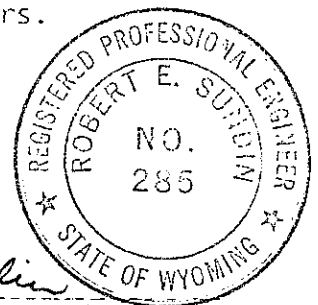
in the County of Sweetwater, in the State of
Wyoming. This permit shall be effective for a period of two years
from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division



Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality



December 31, 1979
Date of Issuance

"The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements."

REVIEW OF PLANS AND SPECIFICATIONS
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION
933 MAIN STREET,
LANDER, WYOMING, 82520.
(307) 332-3144



PROJECT: Holler #1

ENGINEER: Harry L. Moore
P.O. Box 1633
Rock Springs, WY 82901

OWNER: Richard Holler
P.O. Box 97
Wamsutter, WY 82336

WATER QUALITY DIVISION REFERENCE NUMBER: 79-585

REVIEWING ENGINEER: Rick Engelmann for Dave Hill

A handwritten signature in cursive script, reading "Rick Engelmann".

DATE OF REVIEW: October 12, 1979

ACTION: NOT AUTHORIZED.

COMMENTS:

Please provide the following:

1. A manhole at the end of the line serving the five trailers.
2. Alignment, deflection, and leakage testing for the sewer lines.

Russell L. Donley
501 N. Sun Drive
Casper, WY 82601

10-10-79

PERMIT TO CONSTRUCT

☒ New

☐ Renewal

Permit No. 79-586

☐ Modified

LaGrande Water Line Extension, Scenic Street, Northridge Addition
(Name of Facility)

This permit hereby authorizes the applicant:

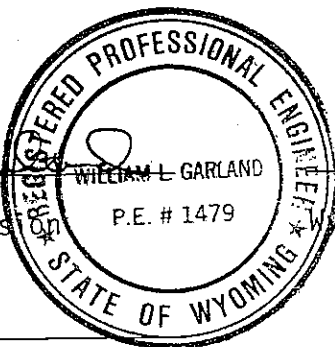
LaGrande, Frank
(Last) (First) (Middle)
200 E. 25th
(Street or P.O. Box)
Cheyenne, WY 82001
(City) (County) (State)

to construct, install, or modify a water distribution system
facility located in Sec. 20, T34N, R79W
(Legal Description)

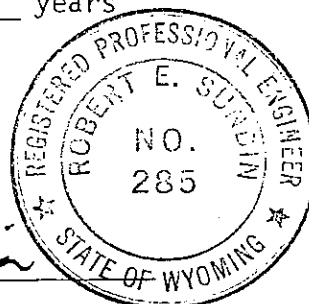
in the County of Natrona, in the State of
Wyoming. This permit shall be effective for a period of two (2) years
from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division



Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality



October 4, 1979
Date of Issuance

"The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements."

This permit does not supercede the requirements for obtaining a Septic Tank Permit from Natrona County Health Department.

cc: G. Frank Smith
2928 W. 10th St. #6
Greeley, CO 80631

Book
11-10-22-79

PERMIT TO CONSTRUCT

☒ New

Permit No. 79-587

☐ Renewal

☐ Modified

H & H Enterprises (Cedar Plaza)

(Name of Facility)

This permit hereby authorizes the applicant:

H & H Enterprises

(Last)

(First)

(Middle)

Box 206

(Street or P.O. Box)

Baggs,

(City)

Carbon,

(County)

WY 82321

(State)

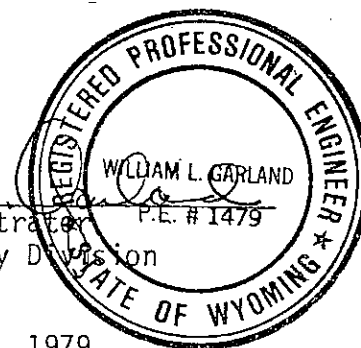
to construct, install, or modify a municipal distribution and evaporative system
facility located in Sec. 8, T12N, R91W
(Legal Description)

in the County of Carbon, in the State of
Wyoming. This permit shall be effective for a period of two (2) years
from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

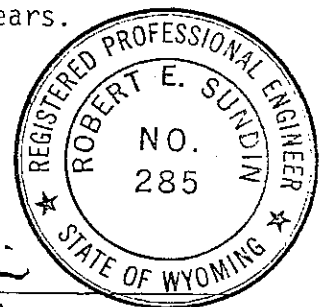
William L. Garland

Administrator
Water Quality Division



Robert E. Sundin

Director
Wyoming Dept. of Environmental Quality



October 16, 1979

Date of Issuance

"The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements."



Department of Environmental Quality
Water Quality Division

HERSCHLER BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

January 10, 1986

Mayor Peggy A. Deaver
City of Laramie
P.O. Box "C"
Laramie, WY 82070

RE: Standard Specifications and Design Criteria for Water Mains and Sanitary Sewers

Dear Mayor Deaver:

The current Laramie Water & Sewer District "Standard Specifications and Design Criteria for Water Mains and Sanitary Sewers" were authorized under Department of Environmental Quality, Water Quality Division permit number 79-588R on December 7, 1979. The Water Quality Division promulgated new standards for water mains and sanitary sewers in 1984 and 1985. Therefore the Laramie standard specifications are no longer valid or effective because of the Water Quality Division's recent changes.

I suggest that you update your specifications and resubmit them to the Water Quality Division for authorization. Another suggestion would be to adopt the Wyoming Public Works (WPW) standard specifications as published by the Wyoming Public Works Council and then modify them by special provisions to meet your specific requirements. The WPW standard specifications have been authorized by the Water Quality Division and meet the current Water Quality Division standards.

Please call if you have any questions.

Sincerely,

Thomas S. Norman

Thomas S. Norman
Water Quality Engineer

TSN/nc

M
12-12

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION

~~XXXXXXXXXXXXXXXXXXXX~~ Hathaway Bldg.
Cheyenne, Wyoming 82002

PROJECT: City of Laramie, Standard Specifications, Albany Co.

ARCHITECT OR ENGINEER: Lonnie Lanners, City of Laramie, P.O. Box C,
Laramie, WY 82070

WATER QUALITY DIVISION REFERENCE NUMBER: 79-588R

REVIEWING ENGINEER: LeRoy C. Feusner, P.E. *LF*

DATE OF REVIEW: December 7, 1979

ACTION: STANDARD SPECIFICATIONS APPROVED

COMMENTS:

Book
M-10-16-79

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION

~~State Office Building~~ Hathaway Bldg.
Cheyenne, Wyoming 82002

PROJECT: City of Laramie Standard Specifications, Albany Co.

ARCHITECT OR ENGINEER: Lonnie Lanners, City of Laramie, P.O. Box C,
Laramie, WY 82070

WATER QUALITY DIVISION REFERENCE NUMBER: 79-588

REVIEWING ENGINEER: LeRoy C. Feusner, P.E. *LCF*

DATE OF REVIEW: October 16, 1979

ACTION: SPECIFICATIONS NOT APPROVED

COMMENTS:

Sewer Lines

1. Paragraph 3.01 a. (8). Expand the existing paragraph to include "After burial, a light source at one end of a test section should be observed at the other end as nearly a full circle of light. The ability to see only segments, ovals, or reflections indicates serious misalignment or collapse of the sewer."
2. Paragraph 3.01 a. (10). Indicate acceptable leakage test procedures, i.e., the appropriate water or low pressure air tests. The air test, if used, shall, as a minimum, conform to the test procedure described in ASTM C-828-76T, "Tentative Recommended Practice for Low-Pressure Air Test of Vitrified Clay Pipe." The testing methods should take into account the range in groundwater elevations projected and the situation during the test.
3. Paragraph 3.01 a. (12). Remove existing sentence and insert the attached written specification for separation of water and sewer lines.

Water Lines

1. Add a paragraph for water and sewer line separations.
2. Provide material specifications for air relief valves, blow-offs, and flushing hydrants.

A. SEPARATION OF WATER MAINS AND SEWERS

Parallel Installation. Normal conditions - Water mains shall be laid at least 10 feet horizontally from any sanitary sewer, storm sewer or manhole, whenever possible; the distance shall be measured edge-to-edge.

Unusual conditions - When local conditions prevent a horizontal separation of 10 feet, a water main may be laid closer to a storm or sanitary sewer provided that:

- a. the bottom of the water is at least 18 inches above the top of the sewer;
- b. where this vertical separation cannot be obtained, the sewer shall be constructed of materials and with joints that are equivalent to water main standards of construction and shall be pressure tested to assure watertightness prior to backfilling.

Crossing. Normal conditions - Water mains crossing house sewers, storm sewers or sanitary sewers shall be laid above the sewers, to provide a separation of at least 18 inches between the bottom of the water main and the top of the sewer, whenever possible.

Unusual conditions - When local conditions prevent a vertical separation of at least 18 inches, the following construction shall be used:

- a. Sewers passing over or under water mains shall be constructed of materials and with joints that are equivalent to water main standards of construction for a horizontal distance of at least 10 feet on each side of the crossing and shall be pressure tested to assure watertightness prior to backfilling.
- b. Water mains passing under sewers shall, in addition, be protected by providing:
 1. a vertical separation of at least 18 inches between the bottom of the sewer and the top of the water main;
 2. adequate structural support for the sewers to prevent excessive deflection of joints and settling on and breaking the water mains;
 3. that the length of water pipe be centered at the point of crossing so that the joints will be equidistant and as far as possible from the sewer.

cc: Tom McDill
The Engineers
6405 Indian Scout
Casper, WY 82601

PERMIT TO CONSTRUCT

☒ New
☐ Renewal
☐ Modified

Permit No. 79-589

Brooks-Hat Six Industrial Park, Block 4, Lot 3
(Name of Facility)

This permit hereby authorizes the applicant:

Design Space International

(Last)

(First)

(Middle)

14 Inverness Drive, East Building 76

(Street or P.O. Box)

Englewood

(City)

(County)

CO 80110

(State)

to construct, install, or modify a small subsurface disposal

facility located in Sec. 9, T33N, R78W, Block 4, Lot 3

(Legal Description)

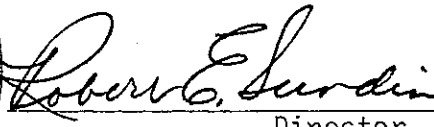
in the County of Natrona, in the State of

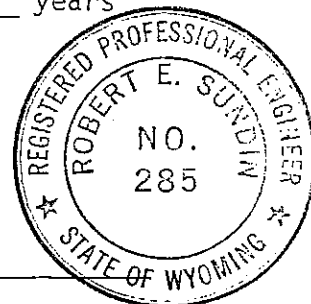
Wyoming. This permit shall be effective for a period of two (2) years

from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:


WILLIAM L. GARLAND
Administrator
Water Quality Division
STATE OF WYOMING


Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality



October 10, 1979

Date of Issuance

"The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements."

This permit does not supercede the requirements for obtaining a Septic Tank Permit from Natrona County Health Department.

THE STATE



OF WYOMING

79-590R
M-10-31-79

ED HERSCHLER
GOVERNOR

Department of Environmental Quality
Water Quality Division

HATHAWAY BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

October 30, 1979

Dr. Donald R. Lamb
Associated Engineers
910 Garfield Street
Laramie, WY 82070

Re: Indian Hills First Addition - WQD #79-592R
Indian Hills Second Addition - WQD #79-590R
Komart Plaza - WQD #591R
Stahl Addition - WQD #79-614R

Dear Mr. Lamb:

The Water Quality Division has reviewed the above referenced construction and has found that the water and sewer line construction meets minimum State standards. Since a Permit to Construct cannot be issued for "as built" facilities, this letter will serve as the approval document.

Sincerely,

A handwritten signature in cursive script, appearing to read "LeRoy C. Feusner".

LeRoy C. Feusner, P.E.
District Supervisor
Water Quality Division

LCF/nc

M
10-10-79

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION

XXXXXXXXXXXXXXXXXXXX Hathaway Bldg.

Cheyenne, Wyoming 82002

PROJECT: Indian Hills Second Addition (As Built), City of Laramie, Albany Co.

ARCHITECT OR ENGINEER: Associated Engineers, 910 Garfield, Laramie, WY 82070

WATER QUALITY DIVISION REFERENCE NUMBER: 79-590

REVIEWING ENGINEER: LeRoy C. Feusner, P.E. *LF*

DATE OF REVIEW: October 9, 1979

ACTION:

COMMENTS:

1. How were the sewer/water line crossovers installed? Provide construction detail.
2. What deflection tests were accomplished on sewer lines? What was the maximum deflection allowed for the construction? Provide results.
3. What is the water pressure at the end fire hydrants on Cheyenne and Comanche Drives?
4. Provide a letter or documentation from City of Laramie indicating their inspection/construction approval and testing results for sewer line leakage and water line pressurization/disinfection procedures.



79-591R
M-10-31-79

ED HERSCHLER
GOVERNOR

Department of Environmental Quality
Water Quality Division

HATHAWAY BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

October 30, 1979

Dr. Donald R. Lamb
Associated Engineers
910 Garfield Street
Laramie, WY 82070

Re: Indian Hills First Addition - WQD #79-592R
Indian Hills Second Addition - WQD #79-590R
Komart Plaza - WQD #591R
Stahl Addition - WQD #79-614R

Dear Mr. Lamb:

The Water Quality Division has reviewed the above referenced construction and has found that the water and sewer line construction meets minimum State standards. Since a Permit to Construct cannot be issued for "as built" facilities, this letter will serve as the approval document.

Sincerely,

A handwritten signature in black ink, appearing to read "LeRoy C. Feusner".

LeRoy C. Feusner, P.E.
District Supervisor
Water Quality Division

LCF/nc

M
10-10-79

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION

~~STATE OFFICE BUILDING~~ Hathaway Bldg.
Cheyenne, Wyoming 82002

PROJECT: Komart Park (As Built), City of Laramie, Albany Co.

ARCHITECT OR ENGINEER: Associated Engineers, 910 Garfield Street, Laramie, WY 82070

WATER QUALITY DIVISION REFERENCE NUMBER: 79-591

REVIEWING ENGINEER: LeRoy C. Feusner, P.E. *LF*

DATE OF REVIEW: October 10, 1979

ACTION:

COMMENTS:

1. How were sewer/water line crossovers installed? Provide construction details.
2. Provide letter or documentation from City of Laramie indicating their inspection/construction approval and testing results for sewer line leakage and water line pressurization/disinfection procedures.
3. What was depth of bury for water line?

THE STATE



OF WYOMING

79-592R
M + 10-31-79
ED HERSCHLER
GOVERNOR

Department of Environmental Quality
Water Quality Division

HATHAWAY BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

October 30, 1979

Dr. Donald R. Lamb
Associated Engineers
910 Garfield Street
Laramie, WY 82070

Re: Indian Hills First Addition - WQD #79-592R
Indian Hills Second Addition - WQD #79-590R
Komart Plaza - WQD #591R
Stahl Addition - WQD #79-614R

Dear Mr. Lamb:

The Water Quality Division has reviewed the above referenced construction and has found that the water and sewer line construction meets minimum State standards. Since a Permit to Construct cannot be issued for "as built" facilities, this letter will serve as the approval document.

Sincerely,

A handwritten signature in cursive script, appearing to read "Leroy C. Feusner".

Leroy C. Feusner, P.E.
District Supervisor
Water Quality Division

LCF/nc

10-10-79

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION

~~XXXXXXXXXXXXXXXXXXXXXXXXXXXX~~ Hathaway Bldg.
Cheyenne, Wyoming 82002

PROJECT: Indian Hills First Addition (As Built), City of Laramie, Albany Co.

ARCHITECT OR ENGINEER: Associated Engineers, 910 Garfield St., Laramie, WY 82070

WATER QUALITY DIVISION REFERENCE NUMBER: 79-592

REVIEWING ENGINEER: LeRoy C. Feusner, P.E. *LF*

DATE OF REVIEW: October 10, 1979

ACTION:

COMMENTS:

1. How were sewer/water line crossovers installed? Provide construction details.
2. What sewer line deflection alignment tests were accomplished? What was the maximum deflection allowed for this construction? Provide results.
3. Provide a letter or documentation from the City of Laramie indicating their inspection/construction approval and testing results for sewer line leakage and water line pressurization/disinfection procedures.
4. What was the depth of bury for water lines?

cc: Teton County Planning
ATTN: Bob Ablondi

PERMIT TO CONSTRUCT

Peter M. Jorgensen, P.E.
P.O. Box 1142
Jackson, WY 83001

1-31-80

☒ New
☐ Renewal
☐ Modified

Permit No. 79-593R

C-V Ranches, Inc.

(Name of Facility)

This permit hereby authorizes the applicant:

C-V Ranches, Inc.

(Last)

(First)

(Middle)

P.O. Box 568

(Street or P.O. Box)

Jackson,

(City)

Wyoming

(County)

83001

(State)

to construct, install, or modify a septic tank-leach field for teaching facility and workshop facility located in Sec. 12, T. 41 N., R. 117 W.
(Legal Description)

in the County of Teton, in the State of Wyoming. This permit shall be effective for a period of two years from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William C. Garland
Administrator
Water Quality Division
REGISTERED PROFESSIONAL ENGINEER
WILLIAM C. GARLAND
P.E. #1479
STATE OF WYOMING

Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality
REGISTERED PROFESSIONAL ENGINEER
ROBERT E. SUNDIN
NO. 285
STATE OF WYOMING

January 22, 1980

Date of Issuance

"The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements."

cc: Teton County Planning
ATTN: Bob Ablondi

PERMIT TO CONSTRUCT

Peter M. Jorgensen, P.E.
P.O. Box 1142
Jackson, WY 83001

☒ New
☐ Renewal
☐ Modified

Permit No. 79-594R

C-V Ranches, Inc.
(Name of Facility)

This permit hereby authorizes the applicant:

C-V Ranches, Inc.
(Last) (First) (Middle)

P.O. Box 568
(Street or P.O. Box)

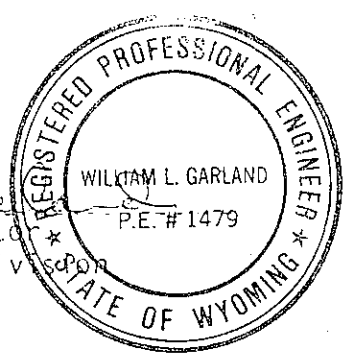
Jackson, Wyoming 83001
(City) (County) (State)

to construct, install, or modify a septic tank-leach field for cabin shop and maintenance quarters facility located in Sec. 12, T. 41 N., R. 117 W.
(Legal Description)

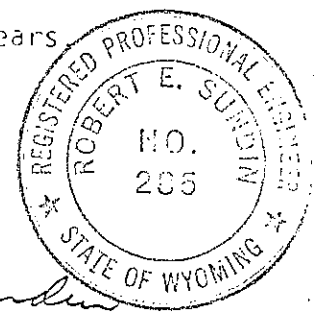
in the County of Teton, in the State of Wyoming. This permit shall be effective for a period of two years from the date of issuance of this permit not to exceed five (5) years

AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division



Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality



January 22, 1980
Date of Issuance

"The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements."

cc: Teton County Planning
ATTN: Bob Ablondi

PERMIT TO CONSTRUCT

Peter M. Jorgensen, P.E.
P.O. Box 1142
Jackson, WY 83001

☒ New
☐ Renewal
☐ Modified

Permit No. 79-595R

C-V. Ranches, Inc.
(Name of Facility)

This permit hereby authorizes the applicant:

C-V. Ranches, Inc.
(Last) (First) (Middle)


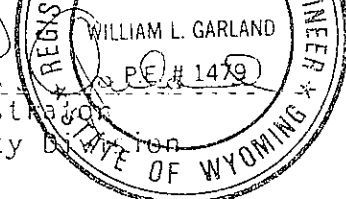
P.O. Box 568
(Street or P.O. Box)

Jackson, Wyoming 83001
(City) (County) (State)

to construct, install, or modify a septic tank-leach field for 2 residences
facility located in Sec. 12, T. 41 N. R. 117 W.
(Legal Description)

in the County of Teton, in the State of
Wyoming. This permit shall be effective for a period of two years
from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:


ADMINISTRATOR
Water Quality Division



DIRECTOR
Wyoming Dept. of Environmental Quality


January 22, 1980

Date of Issuance

"The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements."

cc: Teton County Planning
ATTN: Bob Ablondi

PERMIT TO CONSTRUCT

Peter M. Jorgensen
P.O. Box 1142
Jackson, WY 83001

☒ New

Permit No. 79-596R

☐ Renewal

☐ Modified

C-V Ranches, Inc.
(Name of Facility)

This permit hereby authorizes the applicant:

C-V Ranches, Inc.
(Last) (First) (Middle)

P.O. Box 568
(Street or P.O. Box)

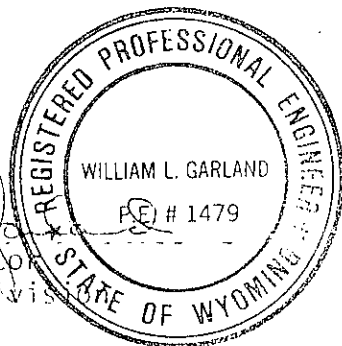
Jackson, Wyoming 83001
(City) (County) (State)

to construct, install, or modify two septic tank-leach fields for 3 residences each
facility located in Sec. 12, T. 41-N., R. 117-W.
(Legal Description)

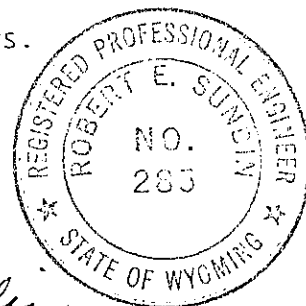
in the County of Teton, in the State of
Wyoming. This permit shall be effective for a period of two years
from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division



Robert E. Suncin
Director
Wyoming Dept. of Environmental Quality



January 22, 1980
Date of Issuance

"The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements."

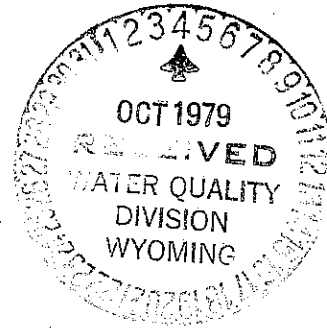
REVIEW OF PLANS AND SPECIFICATIONS
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION
933 MAIN STREET,
LANDER, WYOMING, 82520.
(307) 332-3144

PROJECT: C-V Ranch Wastewater Facilities
Sec. 12, T. 41 N., R 117 W., Teton County

ENGINEER: Peter M. Jorgenson, P.E.
P.O. Box 1142
Jackson, WY 83001

OWNER: C-V Ranches, Inc.
P.O. Box 568
Jackson, WY 83001



WATER QUALITY DIVISION REFERENCE NUMBER: 79-593, 79-594, 79-595, 79-596

REVIEWING ENGINEER: *DWH* David W. Hill, P.E.

DATE OF REVIEW: October 2, 1979

ACTION: NOT AUTHORIZED.

COMMENTS: General

1. The ultimate water system appears to have more than ten connections. A "Permit to Construct" will be needed when the system reaches ten connections. The system must then meet minimum design standards.

Wastewater Facilities

2. Septic tank sizing should be in accordance to PHS Publication 526.
Volume = $1125 + 0.75Q$
3. Please specify all line sizes, material slopes, etc.
4. A cleanout should be provided on the end of all main collection lines.
5. You indicate on the check list the depth to the seasonal high groundwater is five feet. Is this correct? A four foot separation must be maintained between the bottom of the leach bed and the top of the seasonal high groundwater table.

Johnson-Felmelia & Crank, Inc.
P.O. Box 1633
Rock Springs, WY 82901
ATTN: Wayne L. Johnson, P.E.

PERMIT TO CONSTRUCT

☒ New

Permit No. 79-597

☐ Renewal

☐ Modified

Hemphill No. 1

(Name of Facility)

This permit hereby authorizes the applicant:

Mesa Investment, Inc.

(Last)

(First)

(Middle)

P.O. Box 1664

(Street or P.O. Box)

Rock Springs, Wyoming

(City)

(County)

82901

(State)

to construct, install, or modify a septic tank - leach field

facility located in Sec. 9, T. 19 N., R. 105 W.

(Legal Description)

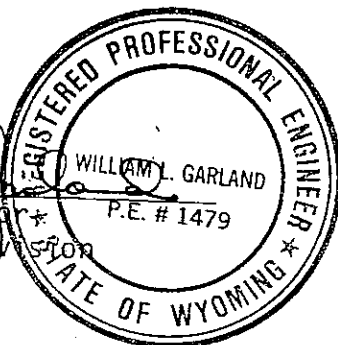
in the County of Sweetwater, in the State of

Wyoming. This permit shall be effective for a period of two years

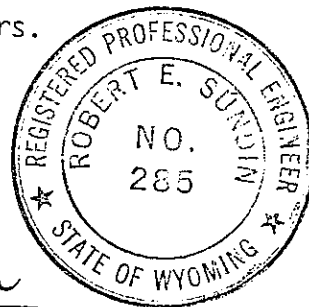
from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division
P.E. # 1479



Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality



October 2, 1979

Date of Issuance

"The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements."

cc: Russell L. Donley
Western Engineers-Architects, Inc.
501 N. Sun Drive
Casper, WY 82601

M
11-27-79

PERMIT TO CONSTRUCT

☒ New
☐ Renewal
☐ Modified

Permit No. 79-598R

Wardwell Water & Sewer District
2 Million Gallon Water Storage Tank
(Name of Facility)

This permit hereby authorizes the applicant:

Wardwell Water & Sewer District
(Last) (First) (Middle)

P.O. Box 728
(Street or P.O. Box)

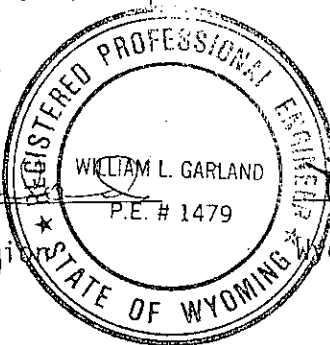
Mills, WY 82644
(City) (County) (State)

to construct, install, or modify a 2 million gallon water storage tank
facility located in Sec. 17, T34N, R79W
(Legal Description)

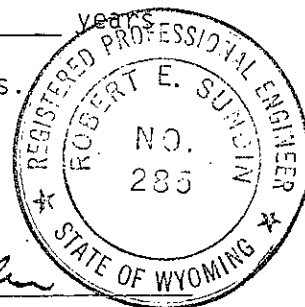
in the County of Natrona, in the State of
Wyoming. This permit shall be effective for a period of two (2) years
from the date of issuance of this permit not to exceed five (5) years.

AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division



Robert E. Sundin
Director
Wyoming Dept. of Environmental Quality



November 19, 1979
Date of Issuance

"The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements."

This permit does not supercede the requirements for obtaining a Septic Tank Permit from Natrona County Health Department.

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION

~~XXXXXXXXXXXXXXXXXXXX~~ Hathaway Bldg.
Cheyenne, Wyoming 82002

PROJECT: Two Million Gallon Water Storage Tank, Wardwell Water and Sewer District, Natrona Co.

ARCHITECT OR ENGINEER: Western Engineers and Architects, 501 N. Sun Drive,
Casper, WY 82601

WATER QUALITY DIVISION REFERENCE NUMBER: 79-598

REVIEWING ENGINEER: *Robert H. Pinther*
Robert H. Pinther, M.S., P.E.

DATE OF REVIEW: October 24, 1979

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. Stones found in the pipe trenching excavation shall be removed for a depth of at least 6 inches below the bottom of the pipe.
2. Submit specifications covering the buried drain and overflow piping beyond the tank.
3. All valve vaults shall be drained to the surface of the ground where they are not subject to flooding by surface water or to absorption pits under ground.

12-0-79

PERMIT TO CONSTRUCT

☐ New
☐ Renewal
☒ Modified

Permit No. 79-599R

SUGARLAND SOUTH IMPROVEMENTS

(Name of Facility)

This permit hereby authorizes the applicant:

Sugarland Development Company

(Last)

(First)

(Middle)

1621 Coffeen Avenue

(Street or P.O. Box)

Sheridan

(City)

Sheridan

(County)

Wyoming 82801

(State)

to construct, install, or modify a water distribution and sewage collection

facility located in Section 35, T.56N., R.84W.

(Legal Description)

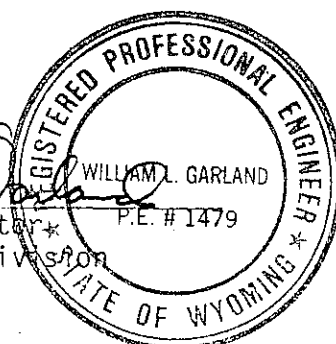
in the County of Sheridan, in the State of

Wyoming. This permit shall be effective for a period of two (2) years

from the date of issuance of this permit not to exceed five (5) years.

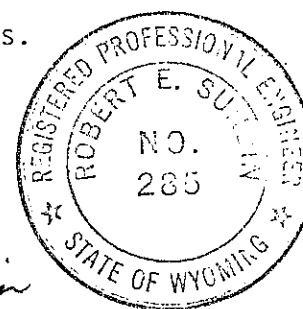
AUTHORIZED BY:

William L. Garland
Administrator*
Water Quality Division



Robert E. Sardin
Director

Wyoming Dept. of Environmental Quality



November 28, 1979
Date of Issuance

"The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements."

PERMIT TO CONSTRUCT

☒ New

Permit No. 79-600

☐ Renewal

☐ Modified

Big Horn No. 8 Reservoir

(Name of Facility)

This permit hereby authorizes the applicant:

Big Horn Coal Company

(Last)

(First)

(Middle)

P.O. Box 724

(Street or P.O. Box)

Sheridan

(City)

Sheridan

(County)

Wyoming

82801

(State)

to construct, install, or modify a Sediment Control Reservoir

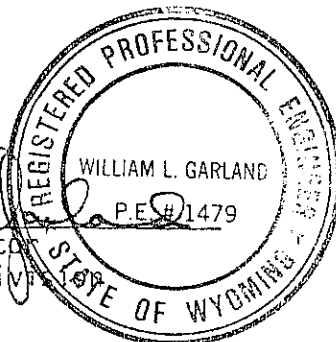
facility located in Section 21, T.57N., R.84W.

(Legal Description)

in the County of Sheridan, in the State of
Wyoming. This permit shall be effective for a period of two (2) years
from the date of issuance of this permit not to exceed five (5) years.

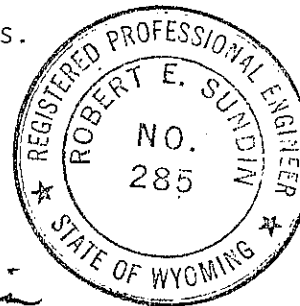
AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division



Robert E. Sundin
Director

Wyoming Dept. of Environmental Quality



November 2, 1979

Date of Issuance

"The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements."